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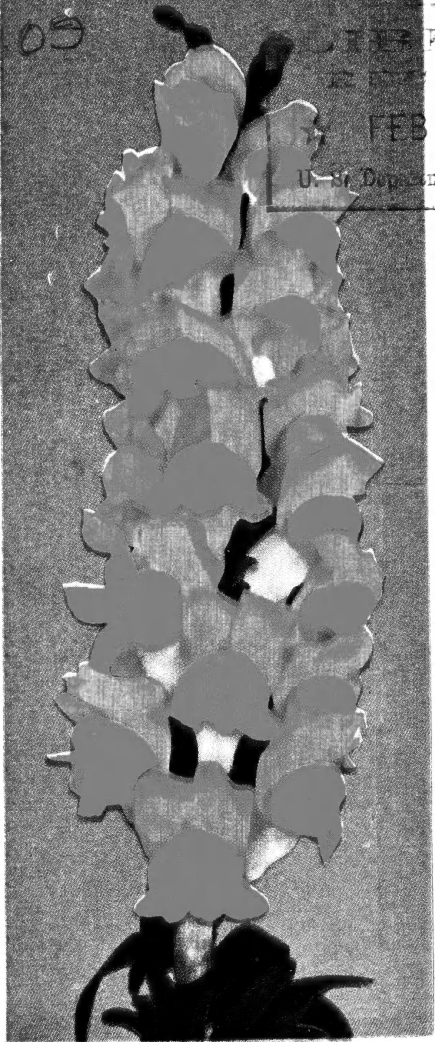


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U. S. Department of Agriculture



**1942 NOVELTIES are on pages 3 to 8**

**Dependable SEEDS for  
• 1942 •**

**CAMPBELL  
SEED STORE**

**137 West Colorado Street  
PASADENA, CALIFORNIA**

# "Dependable Seeds"

Since 1907 Campbell's Seeds have been collected from the best possible sources of the world, rare-plant specialists, foreign companies old enough to be traditions, and the wide, sunny vallies of California. They have been growing their own reputations in gardens all over the United States. Let them grow a reputation for You and Your Garden.



**Petunia Maculata (Balcony Type)**

**All seeds and books sent postpaid; prices of roots and plants do not include postage. All prices subject to change without notice.**

Directions and advice are part of our service. Call on us when you want to hire a gardener.

Ask for our special Sweet Pea Circular and our Bulb List, both ready by August first.

**Should you not find the certain variety of seed you want in this catalog, ask us for it. We are in touch with the leading growers in this country and can obtain kinds not in stock in from 3 to 10 days.**

## ALL-AMERICA SELECTIONS

Sixteen flower trial grounds in different parts of the United States, with one in Canada, under the supervision of twenty-one expert flower judges, make the yearly All-America Selections of novelties the most authoritative in the world. The winners are chosen for new color, new strains, sturdy growth, finer bloom and form, and resistance to disease. We offer seed of all of them this year.



# NEW FLOWERS for Your 1942 Garden

## **AGERATUM Dwarf Blue Bedder.**

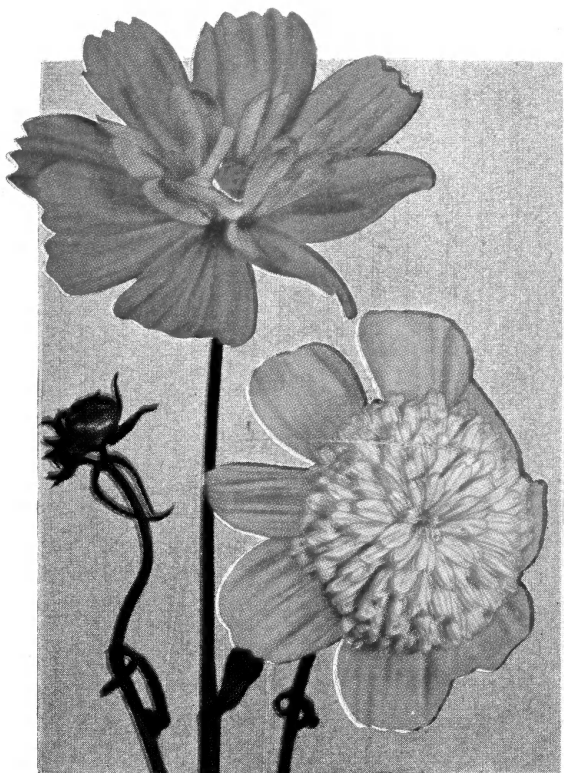
A much needed, compact variety covered with large, deep lavender-blue flowers, very uniform in color and habit. This hardy annual, with an average height of 4 inches and a very adaptable shade of blue, is a charming border plant. Pkt., 15c.

## **ANTIRRHINUM Reveille.**

Tinted with the luminous, golden yellow of an early sunrise, Reville is recommended for both Florist and Home Gardener. It is a Super Majestic in type and strongly Rust Resistant. This gorgeous new Snapdragon grows to a height of 22 inches, is base branching, with unusually large florets tightly grouped on the spike. (See illustration on cover). Pkt., 15c.

## **CLEOME Pink Queen. Silver Medal, A. A. S.**

This beautiful Spider Plant grows recklessly all over the United States. The huge heads of clear pink bloom show not a trace of blue or magenta. An attractive, 3 foot border plant, free from insects and disease, easily grown, it blossoms from June till frost. A grand flower. Pkt., 25c.



**Cosmos Peerless "Pink Lady"**

## **COSMOS Pink Lady.**

It is a pleasure to offer separate colors in the fluffy, Double Sensation group of Cosmos. The illustration of Pink Lady shows the two forms in this strain, upper bloom fluted, lower one crested. This is an extra early, delicately pink Cosmos, producing quantities of mammoth flowers over a very long period. Pkt., 20c.

## **COSMOS White Cloud.**

A beautiful, soft, velvet-white Double Sensation Cosmos, sister to Pink Lady. These have a high percentage of doubles and are lasting cut flowers. Pkt., 20c.

**COSMOS Yellow Klondike. Silver Medal, A.A.S.**

Similar to Orange Flare, Gold Medal Winner of 1935, except that its color is a rich, compelling butter-yellow. Three to four feet tall, free blooming on long airy stems, it is a striking garden flower, bound to be popular. It blooms slightly later than Early Orange Flare. Pkt., 25c.

**DIMORPHOTHECA Double Hybrids.**

Here is a new double, crested strain of the much admired African Daisy group. The mixed Double Hybrids range in color from a deep salmon-orange to white, with many lemon and biscuit shades. This half-hardy annual has a blooming period twice as long as the Aurantica and is definitely a flower to withstand hot weather and give color to the garden. Pkt., 15c.



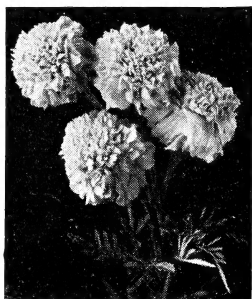
**Nierembergia, Purple Robe**

**LARKSPUR Rose Bud.**

A deep salmon pink, Empress type Larkspur on bushy, semi-dwarf plants requiring no stakes for support, excellent for border and background work. Rose Bud is ideal for the small garden, as a few plants will enhance its beauty and provide an ample supply of cut flowers. Pkt., 15c.

**LARKSPUR Super Majestic White.**

Newest addition to this lovely, 5 foot, fully double strain. Large florets of pure, glistening white, are closely packed on long, graceful spikes. The vigorous growth and abundance of bloom make this new variety valuable to Florists and Home Gardeners in all parts of the country. Pkt., 15c.



**Gay Marigold Butterball.**

**MARIGOLD Butterball. Bronze Medal A.A.S.**

A most attractive, Dwarf French Double Marigold, very compact and scabious-flowered, in a clear yellow. You can't help liking this gay flower, equally good for bedding, edging, or pot plants. Only 6 to 10 inches tall, uniform, very early, its rich, dark foliage is continuously covered with small, 1¼ inch blooms. Pkt., 25c.

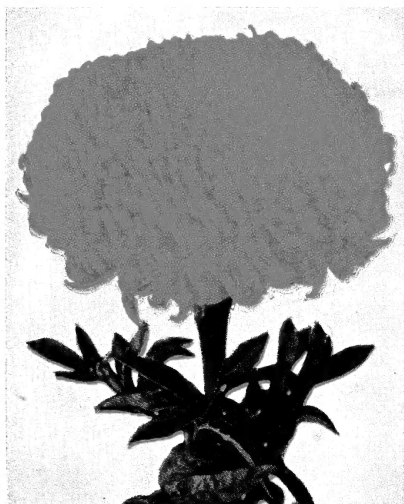


**Giant Marigold Yellowstone**

**Harmony Hybrids, Dwarf French Marigolds, Pkt., 10c**

**MARIGOLD Yellowstone. Honorable Mention A.A.S.**

A Mission Giant, this is a bright, rich, clear yellow counterpart to Goldsmith, 1941 Bronze Medal Winner. Its showy, 2½ inch flowers grace large, luxurious plants, 3 to 5 feet tall. The very attractive flowers are of double, incurved form, blooming late and lasting till frost, rather late for northern locations. Pkt., 25c.



**Giant Marigold Yellowstone**

**MARIGOLD Golden Beddar. Bronze Medal A.A.S.**

This golden orange Marigold is of the Chrysanthemum-flowered strain, the very earliest-blooming variety. A second planting of it may be made for Fall flowers. The blossoms have a row of outer guard petals surmounted by a fully double crest of Dixie Sunshine type petals. The plants are uniformly dwarf. Pkt., 25c.

**MARIGOLD Melody. Bronze Medal, A.A.S.**

Growing 12 to 15 inches high, and literally covered with golden yellow. Harmony type flowers, this is a Dwarf French Double which is a definite advance. Very uniform in height, habit, and color. Melody is rather early and a long, steady bloomer. Pkt., 25c.

**MORNING GLORY Pearly Gates. Silver Medal, A.A.S.**

Winning the highest number of points in the 1942 A.A.S., Pearly Gates is a big satiny white Morning Glory, with a creamy shading in the throat. It is seemingly identical in growth, foliage, and type of bloom, with the popular Clark's Early Heavenly Blue. Plant it with Scarlet O'Hara and Heavenly Blue for a red, white, and blue effect. Pkt., 25c.

**NIEREMBERGIA Purple Robe. Bronze Medal, A.A.S.**

Its dainty, violet-blue flowers cover the dwarf, 6 inch, cushion-like plants. (See illustration on page 4.) This half-hardy perennial, treated like an annual, blooms about 15 weeks from sowing. It prefers full sun, sandy loam, and makes a grand border, edging, or rockery plant. Pkt., 25c.

**PETUNIA Mars.**

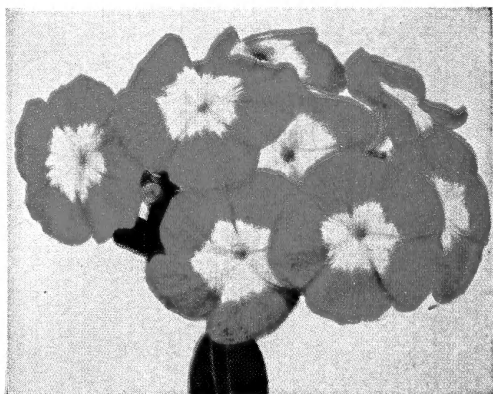
In the Hybrida group, Mars is the largest, deepest, velvety crimson, selfed to the throat. Though deeper in tone than General Dodds or Flaming Velvet, the color is still lively. Mars is gorgeous for massed effects. Pkt., 20c.

**PETUNIA Glamour Girl. Honorable Mention, A.A.S.**

A lovely selection from an extra-large Giants of California strain. Glamour Girl is a really glorious, 4 to 5 inch Petunia, salmon-rose with brown veining on white in the throat. Its height is usually 15 to 18 inches. A free, continuous bloomer, its petals are mostly very wavy and fringed. Pkt., 25c.

**PHLOX Red Glory. Honorable Mention, A.A.S.**

Here is the richest, brightest red we have ever seen in Phlox, intensified by a large, creamy-white eye. It is in the Gigantea group, a free, continuous bloomer, tall uniform and true. Favorably grown, the blossoms are as large as a half dollar. Pkt., 25c.



**Phlox Red Glory**



**Giant Gerbera Hybrids, The Transvaal Daisy.** Pkt. 25c.  
See page 30

**POPPY Orientale Salmon Shades.**

Opulent, fluffy perennials, these poppies come in salmon and salmon pink shades that blend so well with other delicate colors in the summer garden. The growth is very vigorous, height 40 inches, flowers 5 to 6 inches across, lots of bloom from Spring to late Summer. Pkt., 20c.

**RUDBECKIA Starlight. Honorable Mention, A.A.S.**

This large-flowered, semi-double daisy flower is a very free bloomer, about 3 feet tall, branching habit. The coloring is from primrose yellow to mahogany and bi-colors, with mahogany cone centers. Unusual for cutting and arrangements. Pkt., 25c.

**SALPIGLOSSIS Dwarf Golden Rose.**

One of the most attractive new colors in Salpiglossis, bright but not gaudy. The base color is a deep velvet rose, with veinings and stripes of golden yellow. This a "must" variety for all who enjoy the brilliant, kaleidoscopic colorings of Salpiglossis, the Painted Glory. Pkt., 15c.

**VERBENA Annapolis Blue.**

This mid-blue, Hybrida Grandiflora Verbena is a strong grower, of spreading habit, with large trusses of 3 inch flowers standing semi-erect on 15 inch stems. It is the first true mid-blue verbena, without a purple cast, a splendid flower for landscape effects, or cutting. Pkt., 20c.



**Life size Color-Photograph of a Roggli  
Swiss Giant Pansy—Pkt. 25c.**

### **VERBENA Spitfire.**

Here is a verbena to raise the morale of both Home Gardener and Florist, as each plant bears 10 to 12 heads of lively, scarlet-rose bloom on 15 inch, semi-erect stems, and can be used for either bedding or cutting. The large, brilliant florets are selfs, with only a trace of an eye. The plants have a vigorous habit of growth, measuring 25 to 30 inches in diameter. Pkt., 20c.

### **ZINNIA The Clown.**

Reminiscent of the gay, happy character for which it is named, The Clown is an amusing new Zinnia striped scarlet and gold—a new found jewel for the cutting garden, for the annual border, and especially for flower arrangement. The 2½ foot plants are freely branched, covered with 2½ to 3 inch blooms; the more flowers cut the more will be produced. Pkt., 15c.

### **ZINNIA Royal Purple. Honorable Mention, A.A.S.**

Deeper and richer than Purple Prince, this large, Dahlia-flowered form is of a really royal purple, without blue toning. The blooms are usually 4 inches across, fully double, and the plants grow 3 feet high. Arrestingly different. Pkt., 25c.

### **ASTER Princess Bonnie.**

This new Princess type Aster provides a needed new form for cut flower growing. The blooms have a full crested, powder-puff-like center surrounded by several rows of strong guard petals. Princess Bonnie is a very lovely, soft salmon rose shade with the center rich gold. The large flowers are produced freely on strong-stemmed plants, very Wilt Resistant, which begin blooming in mid August. Pkt., 15c.

# FLOWERS

The **germination period** of most of the flower seeds has been compiled, and is included in the description of the varieties in this catalog.

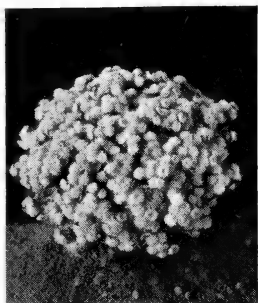
**Per.** stands for Perennial—flowers which bloom for two or more years.

**Bien.** stands for Biennial—flowers which first bloom the second year, then die.

Unmarked flowers in this list are Annuals.

**Colors** are listed first in each paragraph, as a guide. This does not necessarily mean that all these shades are available separately, however.

**PLANTING SUGGESTIONS** are on pages



**Ageratum**  
**Midget Blue**



**Sand Verbena**  
**Abronia, Calif.**

**ABRONIA umbellata (Sand Verbena).** a-broh'-ni-a.

Rosy-lilac, verbena-like flowers, fragrant at night; trailer for sunny rockery or window box; sow November to April.  $\frac{1}{2}$ -oz., 40c; Pkt., 10c.

**ABUTILON maximum (Flowering Maple).** Per. a-bu'-ti-lon.

Pink, yellow, and red, bell-shaped flowers in six months from seed; 3 feet; sow February and March for bloom same year. **Mixed.**  $\frac{1}{32}$ -oz., 85c; Pkt., 10c.

**ACANTHUS latifolius.** Per. a-kan'-thus.

Decorative, large green foliage; lavender flowers in spikes; 3 feet; sow October to May,  $\frac{1}{2}$ -oz., 40c; Pkt., 10c.

**ACHILLEA (Yarrow).** Per. a-kill'-ee-ah.

White, yellow, and rose-red, small double flowers in clusters, for beds and bouquets; 2 feet; sow March to July. Germination period 14 days. **Ptarmica (The Pearl)**, white; **Kelwayi Rosea**, rose-red. Pkts., 10c.

**Filipendula, Parker's Yellow**, 4 feet. Pkt., 15c.

**ACONITUM Napellus. (Monk's Hood).** Per. ak-oh-ny'-tum

Dark blue flowers in delphinium-like spikes; 3 to 5 feet tall; sow March to July. Germination period from 1 to 6 months.  $\frac{1}{16}$  oz., 25c; Pkt., 15c.

**ACROCLINIUM Roseum hybridum.** ak-roh-klin'-ee-um.

Pink and white, double, everlasting flowers; often bloom in 8 weeks;  $1\frac{1}{2}$  feet high; sow November to March. Germination period 2 to 3 weeks; **New Sensation Giants**, with richer colors and larger flowers; splendid for cut flowers, used either fresh or dried.  $\frac{1}{8}$ -oz., 40c; Pkt., 10c.

**ADONIS Autumnalis (Red Chamomile).** a-don'is.

Deep crimson flowers; feathery foliage;  $1\frac{1}{2}$  feet; sow Jan. to May.  $\frac{1}{4}$ -oz., 30c; Pkt., 10c.

**AGATHEA coelestis (Blue Daisy).** Per. ag-a-thee'-a.

Clear blue with yellow disk; splendid for small bouquets; good border or low hedge; 1 to 2 feet high; sow March to Aug.  $\frac{1}{8}$ -oz., 25c; Pkt., 10c.

**AGERATUM Mexicanum (Floss Flower).** a-jer-ay'-tum.

Blue, feathery flowers in clusters; very free-blooming all summer and fall; sow February to June. Germination period 14 days.

**Midget Blue**, 3 inches; NEW;  $\frac{1}{16}$  oz., 75c; Pkt., 15c.

**Blue Ball Improved**, 6 in.  $\frac{1}{16}$  oz., 65c; Pkt., 10c.

**Fairy Pink**, rose-pink, 4 inches.  $\frac{1}{16}$  oz., 75c; Pkt., 15c.

**Tall Blue**, for cutting, 2 feet.  $\frac{1}{8}$  oz., 30c; Pkt., 10c.

**White**, 6 inches,  $\frac{1}{4}$ -oz., 40c; Pkt., 10c.

**AGROSTEMMA coronaria. (Rose Campion). Per.**

ag-gross'-stem-ma.

Blood red flowers, with silvery foliage: for beds, or cutting; 2 feet; sow March to September. Germination period 10 to 14 days.  $\frac{1}{4}$ -oz., 30c; Pkt., 10c.



**Blood-Red  
Agrostemma**



**New Hybrid  
Acroclinium**

**ALONSOA (Mask Flower). a-lon-zo'-a.**

Bright orange-red, or delicate pink, flowers in racemes; dark green foliage;  $1\frac{1}{2}$  feet high; sow Nov. to April.

**Mutisii**, soft salmony pink; lovely.

**Warscewiczii**, bright orange-scarlet. Pkts., 10c.

**ALSTROEMERIA aurantiaca (Peruvian Lily). Per.**

al-strem-meer'-i-a.

Orange, streaked red; forms bulbous root; 2 to 3 feet high; sow March to October. Pkt., 25c.

**ALYSSUM. Sweet. a-liss'-sum.**

White, lilac, cream fragrant heads of tiny flowers; fine for edgings, beds, or ground cover; sow any time. Germination period 10 to 20 days.

**Carpet of Snow**, spreading white; 3 inches. Oz., \$1.00;  $\frac{1}{2}$ -oz., 55c; Pkt., 10c.

**Lilac Queen**, lavender; 6 inches. Oz., 75c;  $\frac{1}{2}$ -oz., 40c; Pkt., 10c.

**Little Gem**, white; 6 inches. Oz., 75c;  $\frac{1}{2}$ -oz., 40c; Pkt., 10c.

**Cream Yellow**; 6 inches. Oz., 75c;  $\frac{1}{2}$ -oz., 40c; Pkt., 10c.

**Maritimum**, very fragrant white; 1 foot. Oz., 35c;  $\frac{1}{2}$ -oz., 20c; Pkt., 10c.

**Violet Queen**, new deep bright violet. 4 inches. Oz., \$1.00;  $\frac{1}{2}$ -oz., 75c;  $\frac{1}{4}$ -oz., 40c. Pkt., 15c.

**ALYSSUM Saxatile compactum.**

Per.

Yellow flowers in masses; 1 foot; fine for borders; sow March to July for late spring bloom.

**Gold Dust**, bright golden yellow.  $\frac{1}{4}$ -oz., 35c; Pkt., 10c.

**Citrinum** (Sulphureum), pale yellow. Pkt., 15c.

**AMARANTHUS. am-a-ranth'-us.**

Showy summer bedding annuals; prefer lime soil.

**COLORED FOLIAGE**

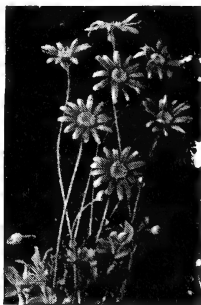
**Molten Fire**, fiery crimson. 4 ft. Pkt., 10c.

**Salicifolius** (Fountain Plant), bright red-and-gold "shredded" foliage. Pkt., 10c.

**DROOPING RED TASSELS: Caudatus** (Love-Lies-Bleeding). All, about 3 feet; sow March to June. Germination period 5 to 10 days. Pkt., 10c. **Tricolor** (Joseph's Coat). Pkt., 10c.

**ANAGALLIS grandiflora. a-na-gal'-lis.**

Vivid blue, brick-red, lavender; for sunny rockeries, low beds, and borders; 8 inches; sow March to June. Germination period 3 weeks. **Blue, Red, and Mixed.**  $\frac{1}{8}$ -oz., 25c; Pkts., 10c.



**Everblooming  
Blue Agathea**



**ANCHUSA capensis (Blue Bird). an-koo'-sa.**

Deep blue, Forget-me-not-like flowers, for sun; 2 feet; sow October to April.  $\frac{1}{4}$ -oz., 30c; Pkt., 10c.

**ANCHUSA Italica grandiflora. Per.**

Gentian-blue, large Forget-me-not-like flowers; 3 to 5 feet tall; sow March to July. Germination period 2 to 3 weeks. Dropmore variety. Pkt., 10c.

**Arcotis Grances****Anemones Bloom  
the First Year****ANEMONE coronaria (Wind Flower). Per.**

a-nem'-o-nee.

Red, blue, lavender, pink, white poppy-like flowers; 8 inches; sow July to November for bloom following spring. Germination period 25 to 45 days.

**Monarch de Caen**, large single strain **Mixed**.

**Blue Poppy**, pure deep blue.

**His Excellency**, rich red.

**St. Brigid**, semi-double **Mixture**. Pkts., 15c; large Pkts., 35c.

**ANTHEMIS Tinctoria Kelwayi. Per. an'-them-is.**

Lemon-yellow daisies; feathery foliage; 3 feet; sown November to April, blooms first season. Germination period 2 weeks.  $\frac{1}{8}$ -oz., 25c; Pkt., 10c.

**ANTIGONON leptopus (Mexican Mountain Rose).**

**Per. Vine.** an-tig'-o-non.

Rose-pink flowers in clusters on tender vine, in late summer; makes quick growth each summer after second or third year; sow March to June.  $\frac{1}{8}$ -oz., 25c; Pkt., 15c.

**ANTIRRHINUM (Snapdragon). an-tir-ry'-num.**

Rich colors in a wide range, with a long blooming season, make this one of the most popular as well as one of the best bedding and cutting annuals; sow July to April. Germination period 10 to 15 days.

**Rust-resistant varieties** now equal the old in color and form, and are immune, or very resistant, to rust. Unless otherwise noted, all varieties listed are **Rust-resistant**.

**MAXIMUM** (large-flowered and tall; 3 to 4 ft.):

**Alaska**, finest white.

**Apple Blossom**, pink with white tube.

**Campfire**, pure luminous scarlet.

**Canary Bird**, clear rich yellow.

**Copper Shades**, velvety orange and old gold.

**Copper King**, deep bronzy copper.

**Crimson**, deep velvety red.

**Paradise Rose**, rose pink.

**Maximum Mixed**.  $\frac{1}{16}$ -oz., 30c; Pkt., 10c.

**Separate colors**, Pkts., 15c; 3 for 35c.

**SUPER-MAJESTIC**

(new group, with extra-large flowers on plants intermediate in height. The long flower-spikes give the effect of somewhat greater height than the medium group):

**Autumn Glow**, old rose suffused amber.

**Buttercup**, rich yellow.

**Dainty**, light pink.

**Harmony**, terra cotta and yellow, tinted pink.

**Red Pocket**, bright red.

**Rose Sensation**, best salmon-tinted rose-pink.

**Royal Crimson**, garnet.

**Tangerine**, golden orange shades.

**Super-Majestic Mixed**. 1/16-oz., 50c; Pkt., 15c. Separate colors, Pkts., 15c; 3 for 35c.

**MEDIUM** (the finest height for bedding; 1½ to 2½ feet):

**Amber-and-Gold**, new. Terra-cotta.

**Apple Blossom**, new. Light rose-pink.

**DuBarry**, new. Brilliant coral salmon.

**Glowing Sunset**, rosy scarlet.

**Old Gold**, copper and bronze shades.

**Orange**, apricot and orange shades.

**Red Boy**, clear deep scarlet.

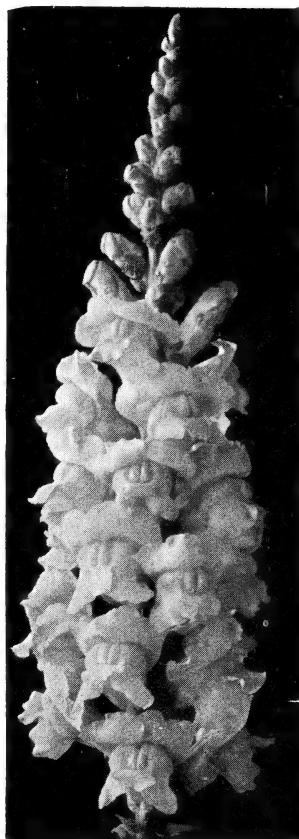
**Yellow Gem**, clear yellow.

**New White**, pure white.

**Mixed**, all colors. 1/16-oz., 25c; Pkts., 10c.

**Magic Carpet** (New), dwarf mixture, not rust-resistant. Pkt., 15c.

Separate colors, Pkts., 15c; 3 for 35c.



**Super-Majestic Snapdragon**

**AQUILEGIA (Columbine). Per. a-kwee-lee'-ji-a.**

Yellow, pink, blue, orange, and red large airy flowers on graceful plants in spring and early summer; stand sun or partial shade; 2 to 3 feet; sown April to August will bloom next spring. Germination period 20 to 60 days.

**Alpina**, dwarf blue (18 inches). 1/16 oz., 35c; Pkt., 10c.

**Chrysantha Yellow**. 1/16 oz., 35c; Pkt., 10c.

**Clematiflora** (New), spurless variety, in clear pastel colors, with large open flowers like Clematis. Pkt., 35c.

**Long-spurred varieties:**

**Blue Shades**, extra selected.

**Orange and Scarlet Shades**.

**Snow Queen**, finest white.

**Rose Queen**, pink and rose.

**Hybrids Mixed**, contain all colors and shades.

All above 1/32 oz., 50c; Pkt., 15c.

← **Aquilegia Longissima**, New vigorous yellow with 4-inch spurs. Pkt., 25c.

**ARABIS Alpina (Rock Cress). Per.** ar'ra-bis.

White, fine flowers, forming blanket of bloom in spring in sun, on poor soil; 8 inches; sow any time. Germination period 3 weeks.  $\frac{1}{8}$ -oz., 25c; Pkt., 10c.



**Hybrid Arctotis, One of the Best of All African Daisies, Bloom "13 Months a Year" . . .** Packets 15c and 35c.

**ARCTOTIS (African Daisies). Per.** ark-toh'-tis.

Large daisies on long stems, for cutting and beds; fine in extra-dry sunny places; 1½ feet; sow October to April for bloom first summer.

**Grandis**, pale lilac. Pkt., 10c.

**New Hybrids**, containing many shades of yellow, orange, bronze, red, and lavender, almost constantly in bloom. Large Pkt., 35c; small Pkt., 15c.

**ARISTOLOCHIA (Dutchman's Pipe). Per.** Vine.

a-ris-toh-loh'-ki-a.

Purplish, curious flowers on rampant vine, with glossy, heart-shaped leaves; seed germinates slowly; sow March to July. Pkt., 10c.

**ARMERIA maritima Formosa (Sea Pink; Thrift). Per.**

ar-meer'-i-a.

Rose-pink flower-clusters above grassy foliage; for cutting and borders; sow January to July. Germination period 2 weeks. **Large-flowered Hybrids**, with large heads on 15-inch stems. Pkt., 15c.

**ARTEMISIA annua. ar-tem-miz'-i-a.**

Decorative, feathery silver-gray foliage; 5 feet; sow March to June. Pkt., 10c.

**ASPARAGUS Fern. Per.** as-pa'-ra-gus.

**Sprengeri**, with red berries, for pots and hanging baskets; **Plumosus nanus**, feathery, fern-like foliage for bouquets. Sow March to September. Germination period 15 to 30 days. 100 seeds, 50c; Pkts., 10c.

**ASTER.**

One of the best summer bedding and cutting annuals, sow all varieties February to June; Single Rainbow as late as August. Germination period 1 to 2 weeks.

Mixtures listed below usually contain pink, rose, lavender, purple, crimson, and white.

**EARLY GIANT**, new wilt-resistant group, similar in flower to the California Giants, but somewhat shorter in height and not so spreading.

**Light Blue.**

**Peachblossom**, light pink.

**Rose Marie**, new rich rose-pink. 1/32-oz., 35c; Pkts., 20c.

**SUPER GIANT TYPE** new, greatly improved California Giants, earlier and larger-flowered. **El Monte**, giant crimson-red. **Los Angeles**, giant clear pink. 1/16-oz., 40c; Pkts., 15c.

**GOLDEN SHEAF**, yellow, new, large-centered Aurora-type, Wilt-resistant. 1/16-oz., 35c; Pkt., 15c.

**COMET OR CREGO** (large, curly-petalled; medium-length stems, 2½ feet). **Enchantress**, salmon-rose; **Illusion**, soft apricot-pink; **Lavender**, azure; **Purple**; **Shell Pink**; **White**; All Colors Mixed, Wilt-resistant. ⅛-oz., 35c; Pkts., 10c.

**HEART OF FRANCE**, rich red, medium-sized flowers. Wilt-resistant. 1/16-oz., 35c; Pkt., 15c.

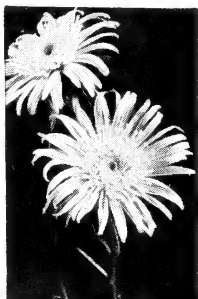
**CALIFORNIA GIANTS** (long-stemmed, double, curly-petalled; 2½ feet); **Rose**, **September Beauty** shell pink, petalled; 2½ feet); **Rose**, **Peachblossom**, **Light Blue**, **Purple**, **White**, and **Mixed**. 1/16-oz., 35c; Pkts., 10c.

**EARLY BEAUTY** (long-stemmed, double, incurve-**Light Blue**, **Purple**, **Crimson**, **White**, and **Mixed**. Wilt-resistant. 1/16-oz., 35c; Pkts., 15c.

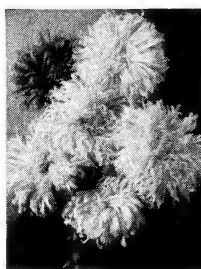
**GIANT CALIFORNIA SUNSHINE**, new, large, single, anemone-centered; 2½ feet; **Mixed**. Pkt., 15c.

**SINGLE RAINBOW** (very floriferous for bedding and cutting; 2 feet); **Pink**, **Rose**, **Light Blue**, **Purple**, and **Mixed**. ¼-oz., 45c; Pkts., 10c.

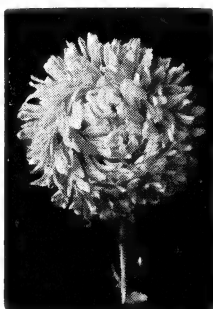
**QUILLED POMPON MIXED**. 1/16-oz., 35c; Pkt., 15c.



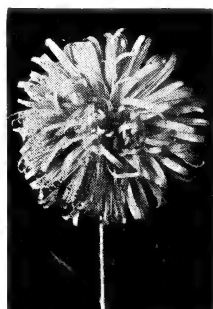
**Calif. Giant Sunshine Aster** . . . See page 17



**Giant of California**



**Beauty**



**Crego**

**ASTER (Michaelmas Daisy). Per. (See also Erigeron.)**

Blue, lavender, and pink single asters in clusters for late fall beds; 2 feet; sown February to April, bloom same year. Germination period, 2 weeks. **Mixed.** 1/32-oz., 35c; Pkt., 15c.

**AUBRIETIA (Rainbow Rock Cress). Per.**

au-bree'-shee-a.

Lavender, pink, and purple flowers, resembling Virginian Stock, for sunny rockery or border; 6 inches; sow January to May. Germination period 25 days. **Deltoidea**, blue-lilac. **Large-flowering Hybrids Mixed.** Pkts., 15c.

**AUSTRALIAN PEA VINE (Dolichos lignosus). Per.**

Rose-pink, small, pea-shaped flowers on rapid evergreen vine; sow November to March. Germination period 12 days. 1/8-oz., 25c; Pkt., 10c.

**BABY BLUE EYES. (See Nemophila.)****BABY'S BREATH. (See Gypsophila.)****BACHELOR'S BUTTON. (See Centaurea cyanus.)****BALLOON VINE (Cardiospermum). Vine.**

White, small flowers; inflated seed-pods resemble balloons; rapid climber; sow March to May. Germination period 14 to 40 days. 1/2-oz., 30c; Pkt., 10c.

**BALSAM VINES. (Momordica.) Vine.**

Yellow flowers on good foliage vines, with showy fruits; sow March to May. Germination period 30 days. **Apple**, scarlet fruit; **Fear**, orange fruit. 1/4-oz., 40c; Pkts., 10c.

**BALSAM (Lady's Slipper). ball'-sum.**

Pink, salmon, red, white, double camellia-like flowers on bushy plants, thriving in hot sun and rich soil, copiously watered; 18 inch; sow March to May. Germination period 10 to 14 days.

**Giant Camellia-flowered. Mixed.** 1/4-oz., 35c; Pkt., 10c.



Wild California "Blazing Star" or *Bartonia*  
... Pkt., 10c

**BARTONIA (Mentzelia) (Blazing Star). bar-tone'-i-a.**

Golden yellow, large silken-petalled flowers with many stamens; Calif. native, for sun and sandy soil; 2 feet; sow November to April. Germination period 5 to 10 days. 1/2-oz., 40c; Pkt., 10c.

**BAPTISIA australis (False Indigo). Per. bap-tiz'-i-a.**

Deep blue, Lupin-like flowers on attractive bushy plants with bluish-green leaves; 3 feet; sow February to August. Entirely dormant in winter. Pkt., 10c.

**BEANS (See Dolichos, and Scarlet Runner.)****BEGONIA. Per. bee-gohn'-i-a.**

Useful bedding and pot plants, for full or partial shade; sow January to May, on surface of fibrous loam, fine sand and leaf mold, preferably under glass, and watering from below.

**FIBROUS-ROOTED:**

**Luminosa**, scarlet, brown foliage.

**Prima Donna**, rose-pink, green foliage.

**Christmas Cheer**, darkest scarlet; large.

**Christmas Fink**, large rosy pink.

**Indian Maid**, scarlet, very dark foliage.

**Carmen**, salmon-rose, bronze foliage.

**White Pearl**, clear white. Pkts., 25c.

**TUBEROUS-ROOTED:**

**Single Mixed.**

**Single Frilled Mixed.**

**Giant Double Mixed.** Pkts., 50c; 3 for \$1.25.

**BELLIS perennis (English Daisy). Per. bell'-lis.**

Pink, red, and white double flowers for edgings and low beds in sun or shade; 6 inches; sow August to April (blooms in 5 months). Germination period 10 to 14 days. Monstrosa (large-flowered) sorts: **Light Pink; Deep Rose; Etna**, quilled red; **White; Mixed.** Large Pkts., 25c; Small Pkts., 10c.

**BIDENS (Miniature Cosmos). by'-dens.**

Golden yellow, star-like flowers, on compact bushes with finely-cut foliage; 1½ feet; sow Feb. to May. Germination period 10 days. Pkt., 10c.

**BOLTONIA latisquama. Per. bole-tone'-i-a.**

Light pink, aster-like flowers in midsummer, fine for cutting; 4 feet; sow February to October. Germination period 20 days. Pkt., 10c.



**Bush-Flowered Balsam, Torch**

**BRACHYCOME Iberidifolia (Swan River Daisy).**

**bra-kick'-o-me.**

Blue, pink, and white flowers like small Cinerarias, for low winter and spring beds, ground-cover, and cutting; 10 inches; sow Nov. to May. Germination period 10 days. **Blue; Pink; White; Mixed.** Oz., \$1.50; ½-oz., 80c; ¼-oz., 50c; Pkt., 10c.

**BROWALLIA. brow-wall'-i-a.**

Pure blue flowers in all seasons, and in sun or shade; prefers rich soil; 1 foot; sow any time. Germination period 1 month.

**Alba**, white.

**Speciosa Major**, large-flowered, bright blue pot variety. Pkt., 25c.

**CABBAGE, Flowering; Ornamental Kale.**

The foliage, as it becomes well-developed, turns green-and-white, or shades of purple, etc., usually along the curly or fringed edges, so that the entire loose head resembles a huge flower, striking in flower arrangements. Sow March to September. Large Pkt., 35c; Small Pkt., 15c.

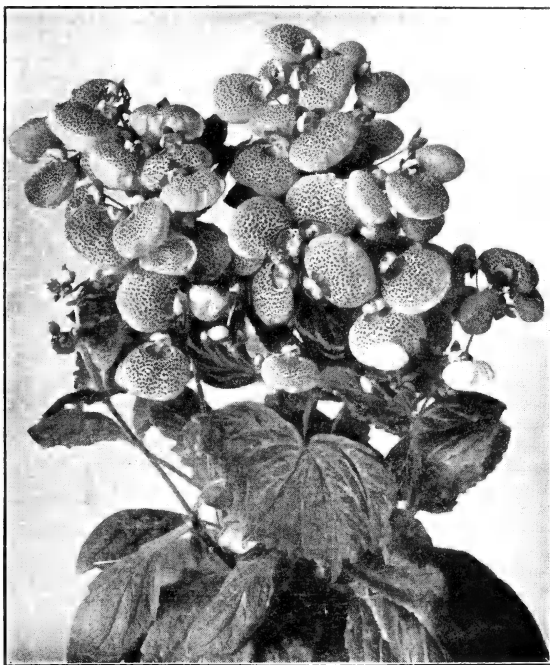
**CACALIA coccinea (Tassel Flower).** ka-kale'-i-a.

Red and yellow tassels on wiry stems for bouquets; 18 inches; sow February to June. Germination period 10 days. Mixed. Pkt., 10c.

**CACTUS.** Per.

Drought-resisting, more or less spiny; sow in small seed pans indoors, or when weather is warm outdoors.

**All Kinds Mixed.** 50 Seeds, 35c; 15 Seeds, 15c.



**Calceolaria, The "Pocketbook Flower"**

**CALCEOLARIA.** Per. kal-see-oh-lay'-ri-a.

Yellow, orange, and red, spotted purse-shaped flowers in clusters, for pots and shady beds; about 1 foot; sow August to December.

**Hybrida Grandiflora**, large-flowered, tender pot strain.

**Rugosa Hybrida, Flower Cloud Mixed**, hardy strain with medium-sized flowers, for outdoor bedding in shade. Pkts., 50c.

**CALENDULA.** (Winter Marigold). ka-len'-jew-la.

Shades and combinations of orange, yellow, and cream, double flowers, ideal for winter and spring beds and for cutting; 1 to 2 feet; sow July to March. Germination period 10 to 14 days.

**FLAT-FLOWER VARIETIES:**

**Ball's Apricot**, soft apricot-orange.

**Ball's Gold**, large deep yellow.

**Campfire**, large dark orange.

**Masterpiece**, largest long-stemmed orange.

**Lemon Queen**, clear yellow.

**Meteor**, cream, striped orange.

**Orange Fantasy**, coppery-orange petals edged red, center crested.

**Orange King Improved**, standard rich orange.

**"White,"** cream picoteed apricot.

**Art Shades Mixed** (new, pleasing mixture, many with picotee edges).

**All Colors Mixed.**

All, ½-oz., 75c; ¼-oz., 40c; Pkts., 10c.

**LOOSE-PETALLED VARIETIES:**

**Chrysantha (Sunshine)**, large, semi-double buttercup-yellow.

**Chrysantha Twilight**, cream-yellow.

**Frilled Beauty**, an improved Shaggy with lacinated orange petals.

**Lemon Shaggy.**

**Orange Sunshine**, like Chrysantha except color.

**Radio**, quilled deep orange.

All,  $\frac{1}{2}$ -oz., 50c;  $\frac{1}{4}$ -oz., 30c; Pkts., 10c.

**Yellow Colossal**, new, improved Chrysantha: larger, more double.  $\frac{1}{8}$ -oz., 30c; Pkt., 15c.

**Trial Ground Mixed**, new, selected for resistance to heat and long blooming season, light and pastel shades, shaggy form.  $\frac{1}{2}$ -oz., 75c;  $\frac{1}{4}$ -oz., 40c; Pkts., 10c.



**Calendula Campfire.**



**Calendula Chrysantha**  
... Pkt., 10c

**CALIFORNIA POPPY.** (See Eschscholtzia.)

**CALLIOPSIS (Annual Coreopsis).** kal-lee-op'-sis.

Bright yellow, yellow-and-red, and red daisy flowers, showy in summer beds, and as cutflowers; sow March to July. Germination period 10 to 14 days.

**DWARF VARIETIES:**

**Golden Crown**, 1 foot, showy large deep yellow with small red center-zone.

**Tiger Star**, 6 in., dark red narrow petals.

**Dwarf Mixed**, 6 in., all shades.  $\frac{1}{4}$ -oz., 40c; Pkts., 10c.

**Tall Varieties Mixed**, 3 feet.  $\frac{1}{2}$ -oz., 35c; Pkt., 10c.

**CALLIRHOE (Poppy Mallow).** Per. kal-lir'-o-ee.

Crimson, poppy-like large cups on a spreading drought-resistant perennial which blooms the first season; 18 in.; sow March to July. Pkt., 15c.

**CAMPANULA medium (Canterbury Bells).** Biennial.

kam-pan'-you-la.

Light and dark blue, pink, white, bell-shaped flowers the second year from seed; 3 feet. Germination period 10 to 15 days.

**Calycanthema** (cup-and-saucer). **Rose-pink, Light Blue, Dark Blue, White, Mixed.**

**Double Mixed** (full bells).

**Single** (cup only), **Mixed.**  $\frac{1}{16}$  oz., 30c; Pkts., 10c.

**CAMPANULA medium (Canterbury Bells).** Annual.

Like the biennial, but only available in the single, cup-only, type; bloom in 5 to 7 months from sowing, which may be made at any time.

**Liberty Bell**, deep blue.

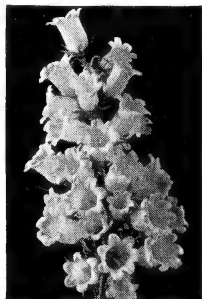
**Angelus Bell**, deep rose-pink.

**Wedding Bell**, pure white.

**Mixed.** Pkts., 15c; 3 for 35c.



**Golden Crown**  
**Calliopsis**



**Annual Cant-**  
**erbury Bells**



**CAMPANULA, Perennial Varieties. Per.**

Blue, white, bell-shaped flowers; sow October to March.

**Carpatica (Hare Bell)**, blue and white, 9 inches.

**Fragilis**, large light blue, trailing, 6 inches.

**Fersicifolia (Peach Bell)**, mixed, 2-3 feet.

**Pyramidalis (Chimney Bell)**, mixed, 5-6 feet tall.

**Rotundifolia** (Blue Bells of Scotland), blue, 1 foot.

**Trachelium (Coventry Bells)**, heads of crowded, hanging lavender bells, 2-3 ft., blooms first year.

Pkts., 20c; 3 for 50c.

**CANARY BIRD VINE (Tropaeolum canariense). Vine.**

Light yellow, bird-like fringed flowers on rapid climber for shade, related to Nasturtiums; sow January to May. Germination period 10 days.  $\frac{1}{4}$ -oz., 30c; Pkt., 10c.

**CANDYTUFT**

White, pink, lavender, and red flower-heads on bushy plants for borders, beds, and cutting; 1 foot; sow November to May. Germination period 10 to 14 days.

**UMBELLATA VARIETIES:**

**Pink, Lavender, Rose, Cardinal, White, and Mixed.**  $\frac{1}{2}$ -oz., 35c; Pkts., 10c.

**Dwarf Mixed** (Nana compacta, 6 in.).  $\frac{1}{4}$ -oz., 30c; Pkt., 10c.

**HYACINTH-FLOWERED VARIETIES:**

**Giant White** (a few large spikes), 1 foot.

**Miniature Gem**, white, 4 in.  $\frac{1}{4}$ -oz., 40c; Pkt., 10c.

**CANDYTUFT. Per. (See Iberis.)****CANNA. Per.**

Vivid pinks, yellows, oranges and reds, useful for foliage and flower mass effect; flower first year from seed, which soak; 3 feet; sow January to May. Germination period 2 weeks. **Crozy's Hybrids Mixed.** Pkt., 15c.



**Fragrant Carnations**



**Do You Know  
Giant Hyacinth-flwd.  
Candytuft?**

**CARDINAL CLIMBER (Ipomoea quamoclit hybrida). Vine.**

Fiery-red tubular flowers, on rapid vine; sow February to May. Germination period 10 to 15 days. Pkt., 15c.

**CARNATION (Dianthus Caryophyllus). Per.**

Pink, rose, red, white, yellow;  $1\frac{1}{2}$  feet; sow Oct. to April. Germination period 10 days.

**Allwood's Hybrid Perpetual Mixture**, large flowers on long stems, in a wonderful range of picotees, flakes, stripes, smokes, and self-colors. Pkt., 35c.

**Chabaud's Giant Pink, Rose, Scarlet, Crimson, Yellow, White, and Mixed**, bloom in 6 months from seed. Pkts., 15c; 3 for 35c.

**Engelmann's Giant Strain**, huge flowers in a wide range of colors. Pkt., 35c.

**Perpetual Giants**, extra large blooms, very double, clove scented. Choice Mixed. Pkt., 25c.

**CASTOR OIL BEAN (*Ricinus*). Per. ris'-i-nus.**

Very rapid-growing foliage plant; sow January to April. Germination period 2 weeks. **Sanguineus** (6 feet), green, red-veined leaves, red stalks and fruit; **Zanzibariensis** (12 feet), green and bronze leaves. Oz., 30c; Pkts., 10c.

**CATANANCHE coeruled. Per. kat-a-nan'-ke.**

Lavender-blue, cornflower-like blooms, on long slender stems for borders and cutting; sow March to August. Pkt., 10c.

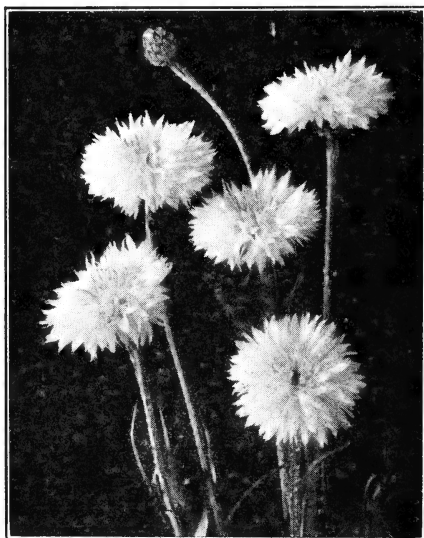
**CELOSIA (Cockscomb). sell-oh'-si-a.**

Crimson, rose, and yellow dense heads and plumes; sow March to May. Germination period 7 to 10 days.

**Cristata** (Cockscomb type): **Dwarf**, 1 foot **Crimson**; and **Tall**, 3 foot. **Mixed**.

**Plumosa** (Feathered type; 2½ feet): **Crimson**; **Yellow**; **Pride of Castle Gould Mixed**.

**Childsii** (Chinese Woolflower; 2 feet): **Mixed**. Pkts., 10c.



**Centaurea, Cornflower**

**CENTAUREA cyanus (Cornflower) (Bachelor's Button). sen-tor'-ree-a.**

Blue, rose, red, and white flowers for beds and bouquets; sow November to May. Germination period 10 to 15 days.

**DOUBLE**, re-selected **Florist Strains** (3 feet):

**Blue Boy**, pure deep blue.

**Pinkie**, rose pink.

**Snow Man**, white.

**Red Boy**, ruby red.

**Mixed**. ½-oz., 45c; Pkts., 10c.

**DWARF** bedding type (1 foot):

**Jubilee Gem**, deep blue. Very useful for both bedding and cutting. ⅓-oz., 30c; Pkt., 15c.

**CENTAUREA imperialis (Sweet Sultan).**

Pink, lavender, purple, white, and yellow fragrant flowers like large, soft thistles; 2½ feet; sow November to May. Germination period 2 weeks. **Amaranth**

**Red, Lavender, Pink, White, Yellow** (*Suaveolens*, not in mixture), and **Mixed**. ¼-oz., 30c; Pkts., 10c.

**CENTAUREA Americana (Basket Flower).**

Large feathery lilac flowers somewhat resembling an interwoven basket, on a handsome annual plant; 4 feet; sow October to May. Germination period 2 weeks. Pkt., 10c.

**CERASTIUM Tomentosum (Snow in Summer). Per.**

see-ras'-tee-um.

White flowers and silvery foliage for sunny edgings and rockery; 8 inches; sow January to June.  $\frac{1}{8}$ -oz., 25c; Pkt., 10c.

**CHIERANTHUS Allioni (Siberian Wallflower).**

ky-ran'-thus.

Dazzling, bright orange or golden yellow flowers, produced freely from early spring to summer; 1 foot; sow September to March. Germination period 2 weeks.

**Vivid Orange; Golden Bedder**, deep yellow.  $\frac{1}{4}$ -oz., 30c; Pkts., 10c.

**CHRYSANTHEMUM. Per. (See also Matricaria, Pyrethrum, and Shasta Daisy), kris-an'-the-mum.**

**Mawil**, large, rich pink flowers on low fern-foliaged bushes, for borders and rockery; 1 foot; sow any time. Pkt., 15c.

**Japonica, Double Mixed**, includes Standard and Pompon Japanese Chrysanthemums. Pkt., 25c.

**Korean Hybrids**, early-flowering, bushy type for garden decoration. Single and semi-double. Mixed. Pkt., 25c.

**Cascade Type** of Japonica, for training on sticks at an angle of 45° and allowing to droop over pot or basket at flowering-time. **Mixed**. Pkt., 25c.

**CHRYSANTHEMUM, Annual (Painted Daisies).**

Yellow, white, pink, and red, large daisy cut-flowers; 2 feet; sow October to April. Germination period 10 to 18 days.

**Sultan**, copper-red with yellow zone.

**Gladstone**, purple with yellow zone.

**Northern Star**, white, yellow zone.

**Tricolor Mixed**.

**Nivelli (Annual Marguerite)**, free-blooming tall, long-stemmed yellow.  $\frac{1}{2}$ -oz., 35c; Pkts., 10c.



**"Painted Daisies",  
The Annual  
Chrysanthemum**

**CINERARIA hybrida. sin-er-air'-i-a.**

Unusually rich colors in the showiest early spring bedding plant for shade, and pots; sow June to October. Germination period 8 to 10 days.

**Grandiflora Semi-Dwarf (16 inches): Light Azure Blue; Royal Blue; Old Rose; Scarlet**. Pkts., 25c.

**Campbell's California Giant Strain**, notable for immense flowers and pleasing colors. Pkt., 50c.

**Cremer's Prize Strain**, semi-dwarf, with medium-sized flowers, but producing the largest heads of any type. Pkt., 50c.

**Howard & Smith's Prize Strain**, Mixed. Pkt., 50c.

**Multiflora Nana**, new dwarf (1 foot) type, with quantities of tiny flowers in all shades. Pkt., 25c.

**Polyantha Stellata**, many-star-flowered (2 to 3 feet). **Blue, Salmon, and Mixed**. Pkts., 25c.

Germaco

## Hotkaps. . Help You Grow Earlier Hardier Vegetables, Flowers

Germaco HOTKAP—Strong little hothouses—protect plants from destructive frost, storms, insects. University tests prove HOTKAPS increase yield 18% to 51%, nearly double early marketable yield, ripen crops 3 weeks earlier for highest prices. Quick, easy to set. 100 million used. Premium profits pay for them many times over. Order today. 25 Hotkaps with Setter, 50c. 100 with Setter & Tamper, \$2.85. Postage extra.



**CLARKIA elegans.** clark'-i-a.

Pink rose, red, purple, and white double carnation-like flowers along spikes, beautiful in the garden or cut; 2 feet; sow November to April. Germination period 2 weeks.

**Albatross**, fine upright white.

**Apple Blossom**, delicate pink.

**Firebrand**, orange-scarlet.

**La France**, salmon pink. Pkts., 10c; 3 for 25c.

**All Colors Mixed.** ¼-oz., 30c; Pkt., 10c.

**CLEOME pungens (Giant Spider Plant).** klee'-o-me.

Rose-pink, or yellow, curious but very showy flowers, each with 6 long stamens, on spreading plant in bloom all summer; 4 feet; sow January to April.

**Rose; Lutea**, new golden yellow; **Purple; White.** Pkts., 15c.

**CLIANTHUS dampieri (Glory Pea).** Per. kly-an'-thus.

Red flowers with black spots, on gray-leaved plant; 2 feet; sow January to April. Requires good drainage at all times. Germination period 10 days, in warm, sandy soil. Pkt., 15c.

**COBOEA scandens (Cathedral Bells Vine).** Vine.

ko-bee'-a.

Violet-blue, large, bell-shaped flowers on very rapid, deep-green-leaved vine, for sun or partial shade; sow seeds on edge, February to May. Germination period 3 weeks. ½-oz., 25c; Pkts., 10c.



Clarkia, Easy to Grow

**COCK'S COMB.** (See Celosia.)**COIX Lachrymae (Job's Tears).** koh'-ix.

Interesting grass-like plant, grown for its smooth, hard, tear-shaped seeds, often used for beads; sow February to May, nicking seeds. Germination period 2 weeks. Oz., 40c; Pkt., 10c.

**COLEUS.** Per. ko'-lee-us.

Ornamental foliage plant for pots or outdoors, with large, vari-colored, velvety leaves in partial or full shade; 1 to 2 feet; sow February to May. Germination period 10 to 15 days.

**COLLINSIA bicolor (Innocence).** kol-lin'-si-a.

Blue-and-white flowers in spikes; Calif. native for sun and shade; 15 inches; sow November to April. Germination period 2 weeks. Oz., 50c; ½-oz., 30c; Pkt., 10c.

**COLUMBINE.** (See Aquilegia.)**CONEFLOWER.** (See Echinacea and Rudbeckia.)**CONVOLVULUS, Annual** (See Morning Glories.)

**CONVOLVULUS, Mauritanicus. Per. kon-voll'-view-lus.**

Lavender-blue, large flowers on trailing rockery perennial all spring and summer; 6 inches; sow July to November.  $\frac{1}{8}$ -oz., 35c; Pkt., 15c.

**CORAL BELLS. (See Heuchera.)****COREOPSIS lanceolata grandiflora. Per. ko-ree-op'-sis.**

(See also under *Calliopsis Cosmidium* and *Leptosyne*.) Chrome-yellow, large, glossy daisy flowers on long, graceful stems; 2 to 3 feet; seeds sown November to March bloom first season. Germination period 3 weeks.

**Auriculata**, yellow, small red center-zone.

**Mayfield Giant**, large-flowered single.

**Double Sunburst**, new large double yellow.  $\frac{1}{8}$ -oz., 30c; Pkts., 10c.

**CORN, Ornamental**

**Squaw Corn**. Vari-colored kernels and ears, useful for a Spanish effect in patio or sun-room, when dried and hung by their pulled-back husks.

**Rainbow Corn**, striped, colored foliage, small ears, dark colors. Sow April to June. Lb., 75c;  $\frac{1}{4}$ -lb., 25c; oz., 10c.

**CORNFLOWER. (See Centaurea cyanus.)****CORNFLOWER ASTER. (See Stokesia.)****COSMIDIUM Burrigeanum. kos-mid'-i-um.**

Bronzy-orange with golden edge, daisy-flowers closely related to *Coreopsis*; 2 feet; sow March to June.  $\frac{1}{4}$ -oz., 25c; Pkt., 10c.

**COSMOS. (See also Bidens.) koz'-mus.**

Crimson, pink, and white daisy flowers for show and cut with light green, feathery foliage, thriving in poor or sandy soils; sow March to July. Germination period 10 to 14 days.

**EARLY SORTS** (3 feet; bloom June-August):

**Sensation**, New, with huge pink, rose, and white flowers, on strong bushes in 10 weeks. **Pinkie**, rose-pink;

**Purity**, white; **Mixed**.

**Early Double Crested Mixed**.

**Orange Flare**, new early-flowering form of the Late Klondyke Cosmos.

**LATE SORTS** (5 feet; bloom September and October):

**Single Pink**, **White**, **Crimson**, and **Mixed**.

**Double Crested Mixed**. Pkts., 10c, except double sorts, 15c.

**CREPIS barbata (Hawkweed). creep'-is.**

Bright rose, semi-double, star-like daisies to cut or bed; 18 inches; sow January to May.  $\frac{1}{8}$ -oz., 25c; Pkt., 10c.

**CUPHEA Firefly. kew'-fee-a.**

Fiery rose-red flowers freely produced on compact bushes, for bedding or for pots; 10 inches; sow March to June. A distinct new flower for your garden or patio. Pkt., 15c.

**CYCLAMEN persicum giganteum. Per. sy'-kla-men.**

Salmon, pink, rose, red, lavender, white "shooting-star" flowers with beautiful foliage, for pots or outdoors in shade; 1 foot; sow any month but allow 18 months to flower; July to September best time for Christmas bloom. Germination period 3 to 4 weeks. Choice Mixed, 1c per seed.

Giant-flowered strain: **Rose-pink**, **Salmon**, **White**, and **Mixed**. 4c per seed.

**CYNOGLOSSUM linifolium (Omphaloides).**

White forget-me-not-like flowers, with silvery foliage, for ground-cover or border in winter and spring; 6 in., sow Oct. to March.  $\frac{1}{2}$ -oz., 30c; Pkt., 10c.

**CYNOGLOSSUM amabile (Chinese Forget-Me-Not). sy-no-gloss'-um.**

Pure blue and white, large forget-me-not-like flowers in sprays, good for cutting and bedding in sun; sow October to April. Germination period 10 days.

**Clear Blue** (2 feet).  $\frac{1}{4}$ -oz., 30c; Pkt., 10c.

**Mixed**, new, includes white, and many shades of blue. Pkt., 15c.

**Firmament**, purest mid-blue, dwarf and bushy (15 inches).  $\frac{1}{8}$ -oz., 30c; Pkt., 15c.

**CYPRESS VINE (*Ipomoea auamoclit*). Vine.**

Red and white star-shaped flowers on quick, twining vine with feathery foliage; sow February to May. Germination period 10 to 20 days. **Mixed.** ½-oz., 35c; Pkt., 10c.



**New Dwarf Chinese Forget-me-not,  
*Cynoglossum Firmament***

**DAHLIA. Per.**

Great variety of colors and types blooming profusely and forming tubers the first season; sow February to May. Germination period 10 days.

**Campbell's Prize Mixed** (from Cactus and Decorative, improved named sorts only). Pkt., 25c.

**Unwin's Dwarf Hybrids** (1½ feet, early-flowering, semi-double). **Zulu Strain**, black-leaved, dwarf double hybrids, flowers mostly red shades, a few yellow, orange & lilac. Pkt., 25c. **Mixed.** Pkt., 25c.

**Collarette Mixed.** Large single flowers, with tuft of contrasting color about center. Pkt., 10c.

**Pompon Mixed.** Pkt., 15c.

**Coltness Hybrids Improved**, new and complete range of colors in this fine, single flowered, dwarf compact (1 foot) bedding Dahlia, ½-oz., 35c; Pkt., 15c.

**DATURA (Angel's Trumpet). dah-foor'-a.**

White, yellow, and purple, large, showy trumpet flowers on handsome specimen plants, in bloom all summer; 3 feet; sow February to May. Germination period 2 to 3 weeks. **Double and Single Mixed.** ¼-oz., 35c; Pkt., 10c.

**DELPHINIUM *Chinensis*. (See also Larkspur).**

Dwarf annual, with flowers very similar to perennial sorts, for low beds and edging; 1 foot; sow December to April. Germination period 2 weeks.

**Blue Butterfly Improved**, ultramarine blue.

**Azure Fairy**, clear light blue. ⅛-oz., 40c; Pkts., 10c.

**DELPHINIUM. Per. dell-fin'-i-um.**

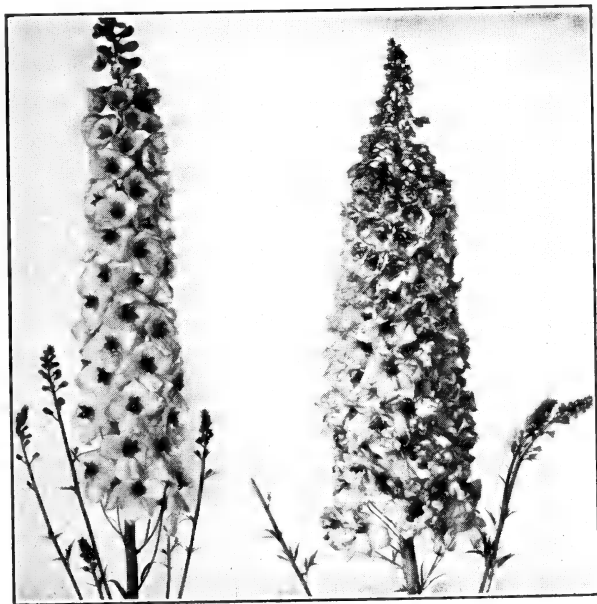
Splendid, stately border and bedding plant and cutting flower; sow July to November for bloom in spring, or December to March for bloom that summer. Germination period 2 to 3 weeks.

**Cultural Note:** Delphinium seed germinates best as soon as ripe. We supply New Crop seed exclusively, after July 15th each year, so that late summer and fall sowing is recommended. Chill seed 48 hours in refrigerator. When set out, deep soil, well-drained and enriched with old manure is best. Feed a balanced plant food like Vigoro. Delphiniums thrive in sun, yet prefer a cool climate.

**CUTFLOWER VARIETIES:****Cliveden Beauty** (Improved Belladonna), light blue.**Bellamosum**, dark blue. Pkts., 15c.**LARGE-FLOWERED, TALL BEDDING VARIETIES:****Blackmore & Langdon Hybrids**, very finest strain, delicate shadings. Pkt., 35c.**Campbell's XXX Hybrids**, with large flowers in all shades of blue and lavender-blue. Pkt., 15c.**Cardinale**, native scarlet larkspur.**PACIFIC GIANTS** (New), fully double, mildew-resistant strain, the finest obtainable.**Galahad Series**, enormous clear white, individual flowers often 3 in. across.**Round Table Series**, originator's cross-pollinated seed, containing all the colors and shades ever obtained. Pkt., 50c.**Summer Skies Series**, light blue, white bee.**All Shades Mixed**. Pkts., 35c.**BOOK BARGAINS**

**GARDEN BULBS IN COLOR**, by McFarland, Hatton, and Foley. The most exciting book about bulbs ever published. 275 color plates illustrate a great number of varieties of flowering bulbs, corms, and tubers, and form an invaluable aid to the selection and arrangement of varieties for your garden. There are also 100 beautiful halftones and cultural directions. 296 pages; 6¼ x 9¼ inches. Formerly \$3.50.....**NOW \$1.98**

**GARDENER'S HANDBOOK**, by L. H. Bailey. This encyclopedic manual of gardening has special advice on such topics as annuals, borders, rock-gardens, lawns, glasshouses and control of insects and diseases. The book is fully illustrated with line drawings which give step-by-step directions for growing these plants. Illustrated; 292 pages; 6½ x 9½ inches. Formerly \$3.00.....**NOW \$1.49**

**Hibiscus**. See page 34

**Campbell's XXX Hybrids (left),  
and Pacific Giants Delphinium**

**DIANTHUS (Annual Pinks).** (See also Sweet Wivelsfield). Shades of red, pink, crimson and white; 1 foot; sow February to May. Germination period 5 to 10 days.

**HEDDEWIGI LACINIATUS (JAPANESE PINK) VARIETIES:**

**Crimson Belle**, single crimson.

**Salmon Queen**, single salmon.

**Snowdrift**, double pure white.

**Splendens**, large deep red with white eye.

**Mixed.**  $\frac{1}{8}$ -oz., 35c; Pkts., 10c.

**CHINENSIS (CHINESE PINK) VARIETIES** (flowers smaller, in clusters like Sweet William):

**Double Mixed.** Pkt., 10c.



**Dianthus Splendens**

**DIANTHUS (Perennial Pinks).** Per. dy-an'-thus.

Pink, rose, red, white; fragrant; sow February to May. Germination period 1 to 2 weeks.

**PLUMARIUS (CLOVE PINK) VARIETIES;**  $1\frac{1}{2}$  feet:

**Cyclops Mixed.** (Large-eyed single flowers in rich colors—the best ever-blooming Pink.)

**Semperflorens Double Mixed.**  $\frac{1}{8}$ -oz., 35c; Pkts., 10c.

**ROCK-GARDEN SPECIES:**

**Allwoodii Alpinus**, new, 4 to 6 inches, mixed colors. Pkt., 50c.

**Caesius (Cheddar Pink)**, pink with tufty 3-inch foliage and 6-inch stems. Pkt., 10c.

**Deltoides (Maiden Pink)**, rose, 8 inches. Pkt., 15c.

**Winteri**, striking new pinks in pure colors, compact habit, very fragrant large flowers. Pkt., 25c.

**Rock-Garden Rare Species Mixed**, including 25 kinds. Pkt., 25c.

**Loveliness**, large mauve flowers with lacinated petals and delicious fragrance. Pkt., 25c.

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**TWIST-EMS**

help you support plants  
quickly, neatly,  
permanently! **25¢**





**DIASCIA barbaeae.** dy-ass'-si-a.

Pure, soft salmon-rose flowers, each with two spurs, for rockery or pots; 1 foot; sow March to May. Pkt., 15c.

**DICTAMNUS fraxinella (Gas Plant).** dik-tam'-nus.

Pink and white flowers, good for borders; foliage gives off a gas which may be ignited with a lighted match; 2½ feet; sow Feb. to Sept. Germination very slow and uneven. **Mixed.** ⅛-oz., 50c; Pkt., 15c.

**DIDISCUS coeruleus (Blue Lace Flower).** dy-dis'-cus.

Soft blue, tiny tubular flowers forming lacy heads on long stems for bouquets; 2½ feet; sow February to May. Germination period 2 weeks. ⅛-oz., 35c; Pkt., 10c.

**DIGITALIS (Foxglove).** Bien. and Per. di-ji-tay'-lis.

Pink, purple, white, large open-tubed flowers in tall, erect spikes; 4 feet; sow by April for certain flowers the following spring. Germination period 10 to 15 days.

**BIENNIAL VARIETY:**

**Giant Shirley Hybrids Mixed.** Pkt., 10c.

**PERENNIAL VARIETIES:**

**Hybrida Lutzii,** salmon shades.

**Isabellina,** buff and yellow, 5 feet. Pkts., 15c.

**DIMORPHOTHECA (African Daisy).** dy-more-fo-thee'-ka.

Orange, yellow, salmon, and white, large daisy flowers, unusually brilliant for bedding in all seasons; 1 foot; sow any time. Germination period 10 to 20 days.

**Aurantica: Orange; Salmon Beauty; Golden West,** yellow; **Hybrids Mixed.** ¼-oz., 40c; Pkts., 10c. **Glistening White.** Pkt., 15c.

**DIMORPHOTHECA. Per.**

**Ecklonis.** White, blue center, with mauve reverse. flowers 3 inches across; blooms through winter until summer; sow any time; 2 feet. Germination period 2 to 3 weeks. **Spectabilis,** similar to Ecklonis, except for color, a vivid pink with a shining black center. 1/16-oz., 45c; Pkts., 15c.

**DOLICHOS Lablab (Hyacinth Bean). Vine.** doh'-li-kos.

Rosy-purple pea flowers on quick vine, with showy purple pods; sow March to May. Germination period 10 days. Pkt., 10c.

**DOLLAR PLANT (See Lunaria).****DUSTY MILLER (Centaurea sp.). Per.**

**Candidissima;** thick, silvery-white foliage, 10 inches; **Gymnocarpa;** grey foliage, 20 inches; sow January to May. Germination period 2 to 4 weeks. Pkts., 10c.

**ECHINACEA purpurea hybrida. Per.** ek-in-ace'-i-a.

Deep rose, showy daisies with brown, conical centers, in profusion from spring until fall; 3 feet; sow March to July. Pkt., 15c.

**ECHINOPS ritro (Globe Thistle).****Per.**

ek'-i-nops.

Violet-blue, globular, prickly heads, striking in flower arrangements either fresh or dried; 5 feet; sow March to July. Pkt., 15c.

**ECHIUUM**

ek'-i-um.

**Plantagineum, Blue Bedder.**

Clear deep blue flowers, from pink buds; a striking new bedding plant, resistant to drought; 1 foot; sow March to June. ¼-oz., 35c; Pkt., 10c.

**Roseum,** bien; bright rose flowers; 6 feet. Pkt., 15c.

**ENGLISH DAISY (See Bellis).****ERIGERON (Midsummer Daisy). Per.** e-rij'-er-on.

Rosy-lavender, large, single daisies with many short, narrow petals; a close relative of perennial Asters; 2 feet; sow July to March. Germination period 2 weeks. **Speciosus Grandiflorus.** Pkts., 15c.

**ERYNGIUM Amethystinum (Sea Holly). Per.**

er-rin'-ji-um.

Amethyst blue, interesting prickly flower-heads; 5 feet; sow March to September. Pkt., 15c.



**Brilliant  
Dimorphotheca**

**ESCHSCHOLTZIA (California Poppy).** esholt'-zi-a.

Orange, crimson, rose, yellow, and white, showy, glossy-petalled flowers for bedding, ground cover on vacant lots, and bouquets (cut the flowers early, before they open); 1 foot; sow August to March. Germination period 10 days.

**Aurantiaca**, orange (True native poppy). Lb., \$3.50; ¼-lb., 90c; oz., 35c; ½-oz., 25c.

**Ballet Girl**, carmine outside, cream inside.

**Cherry Ripe**, semi-double cherry red.

**Fringed Yellow**, buttercup-yellow.

**Golden West**, yellow with orange center. Oz., 30c; ½-oz., 20c.

**Lovely**, salmon rose.

**Scarlet Beauty**, best bright red, single.

**White**.

**Common Mixed** (orange, yellow, and white). Lb., \$2.50; oz., 25c; ½-oz., 15c.

**Hybrida Mixed** (all new and unusual shades). ½-lb., \$6.00; ¼-lb., \$3.50; oz., \$1.00; ¼-oz., 30c. Pkts. of all above, 10c.

**Monarch Art Shades**, lovely semi-double mixture. (Illus. page 70). Pkt., 15c.

**Sweetheart**, new shade, rich salmon-rose on cream, fully-double, plants dwarf and compact. Pkt., 15c.

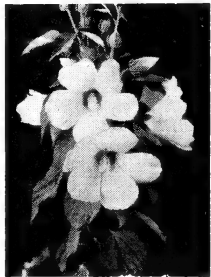
**EUPHORBIA heterophylla (Annual Poinsettia).**

you-for'-bi-a.

Showy orange-red bracts (as in the Perennial Poinsettia) make this an interesting summer and fall bedding annual; 3 feet; sow March to June. Germination period 10 days. ¼-oz., 35c; Pkt., 10c.

**EUPHORBIA variegata (Snow on the Mountain).**

Ornamental foliage annual, with distinct white and green leaves, for beds or mixed bouquets; sow March to June. Germination period 2 to 3 weeks. ½-oz., 30c; Pkt., 10c.



**Try Hardy Hibiscus.** See page 34.

**EXACUM affine.** eks'-a-cum.

Bright pure blue flowers with golden stamens; light green foliage, thick and wavy; a fragrant and charming pot plant flowering all summer from December to March sowings; 8 inches. Use two plants to a pot, and rich soil mixed with leaf-mold; give plenty of light and air. Pkt., 35c.

**FELICIA bergeriana (Kingfisher Daisy).** fe-liss'-i-a.

Sky-blue daisy-like flowers on low 6-inch free-flowering plants for edgings and rockery; an "annual Agathe"; sow February to June. Germination period 3 weeks. Pkt., 25c.

**FEVERFEW.** (See *Matricaria capensis*).

*National*  
**Eezy Wear**  
*Garden Gloves*

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**All-Leather—DIRT PROOF—Durable**  
**SOFT — Comfortable -- WASHABLE**

Sizes for Women (small, medium, large) for Men (small, medium, large). Price, 75 cents a pair. postpaid (2 pr. \$1.40.)

**FLAG OF SPAIN VINE.** (See *Mina lobata*).

**FORGET-ME-NOT.** (See *Myosotis*).

**FOUR O'CLOCK** (*Mirabilis*) (**Marvel of Peru**). Per.

Red, pink, white, yellow flowers opening in afternoon, on bushy plants; may be grown as annual; sow October to April. Germination period 2 weeks.

**Dwarf Mixed**, 1 foot.

**Tall Mixed**, 2½ feet. Oz., 35c; Pkts., 10c.

**FOXGLOVE.** (See *Digitalis*).

**FREESIA.** Per. free'-zi-a.

White, lavender, pink, red, orange, and yellow shades, fragrant; 1 foot; sow July to October for bloom the first spring.

**Rainbow Hybrids**, large flowers, all colors. Pkt., 15c.

**GAILLARDIA grandiflora.** Per. gay-lar'-di-a.

Red and yellow, very large daisies, blooming all summer and fall; 3 feet; sow September to April.

**Burgundy**, deep all-red.

**Chloe**, deep all-yellow.

**Dazzler**, yellow with maroon center.

**Goblin** (dwarf; 1 foot), yellow, red border.

**Portola Hybrids**, semi-double orange-and-red.

**Tangerine**, unusual new shade; copper-orange. Pkts., 15c and 25c.

**GAILLARDIA (Annual Blanket Flower).**

Annual Gaillardia gives you at least six months of bloom. Red, yellow, and red-and-yellow large, profuse-blooming daisies; 2 feet; sow January to April. Germination period 2 to 3 weeks.

**Indian Chief**, Bronzy-red.

**Picta**, Single Mixed.

**Lorenziana**, Double Mixed, lovely. ½-oz., 40c; Pkts., 10c.

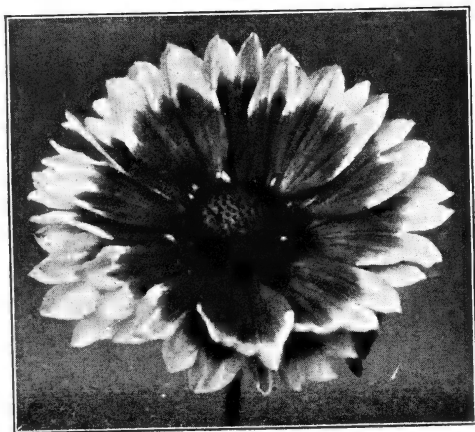
**GAURA lindheimeri.** gau'-ra.

White flowers, tinged pink, in spikes on strong, graceful plant from July to November; likes sun, stands drought; 3 feet; sow February to May. Pkt., 10c.

**GAZANIA splendens hybrida grandiflora.** Per.

(**African Border Daisy**). ga-zay'-ni-a.

Bronze, red, orange, yellow, cream, and white, showy, long-stemmed daisy-flowers with brown or yellow spots about the centers, on low-foliaged edging or bedding plants; sow September to March for bloom first summer. **New Hybrids Mixed**. Pkt., 15c.



**Annual Gaillardia Gives You at Least  
6 Months of Bloom**

**GERANIUM Zonale.**

Brilliant orange, red, salmon, pink, and white single flowers in large heads on somewhat tender plant for bedding and pots; sow April to July. Germination period 30 to 40 days.

**Large-flowered Mixed**. Pkt., 25c.

**GERBERA Jamesoni (Transvaal Daisy). Per.**

ger'-ber-ra.

Almost every conceivable shade except blue and purple is found in these long-stemmed, large-flowered African Daisies for beds and bouquets, requiring warm, well-drained soil; 2 feet; sow any time. Germination period 2 weeks. **New Giant Mixture.** Pkt., 25c. (See illustration, page 7).

**GESNERIA robusta perfecta. gess-nee'-ri-a.**

Red, orange, and pink tubular flowers on a tender pot plant with attractive soft leaves, allied to Gloxinia (which see); 1½ feet; sow in greenhouse any time. **Hybrids Mixed.** Pkt., 50c.

**Geum Mrs. Bradshaw****GEUM. Per. jee'-um.**

Scarlet, yellow, and orange, semi-double rose-like flowers, on long stems in spring and summer, for beds and bouquets; 2 feet; sow July to September. Germination period 3 weeks.

**Mrs. Bradshaw**, scarlet-red.

**Lady Stratheden**, bright yellow. 1/16-oz., 40c; Pkts., 10c.

**Prince of Orange**, semi-double orange. Pkt., 25c.

**GILIA coronopifolia (Texas Plume). Bien.**

Vivid scarlet, tubular flowers all summer and fall, on tall, slender plants, with Cypress-like foliage; 3 feet; sow September to January for bloom the following summer. Pkt., 15c.

**GILIA. jill'-i-a.**

Natives, easily and quickly grown; sow November to May. Germination period 10 days.

**Capitata** (Thimble Flower, 2 feet), with lavender-blue flowers in globular heads on long stems. Oz., 45c; Pkt., 10c.

**Tricolor** (Bird's Eyes, 1 foot), with lilac flowers spotted yellow and purple in center. Oz., 45c; Pkt., 10c.

**Micrantha** (Fairy Stars), with tiny flowers on neat 6-inch plants for ground-cover, rockery, or cut, for miniature bouquets, in a mixture of salmon, pink, copper, yellow, and cream. ¼-oz., 45c; Pkt., 10c.

**Liniflora**; Lavender or white, single, flax-like flowers on long stems for cutting; 15 inches. **White Swan**, pure white; **Bunch of Lilacs**, lavender-blue. **Mixed.** ¼-oz., 45c; Pkts., 10c.

**GLOBE AMARANTH (Gomphrena).**

Purplish-red, pink, white, and orange clover-like everlasting flowers; make showy beds; 1 foot; sow February to May. Germination period 2 weeks. **Purple-red; Orange; Mixed.** Pkts., 10c.

**GLOXINIA *hybrida grandiflora*. Per. (Sinningia).**

Rich red, pink, blue, and white, huge velvety flowers best in pots in semi-shade; 1 foot; sow under glass anytime. Sowings made January to April will flower the same summer.

**Cultural Note:** Use compost of leaf-mold, peat, loam, and sharp sand, well-moistened but not wet. Sow on surface, and barely cover with fine, same mixture sifted over and pressed down. Water from below whenever surface shows any dryness. Keep shaded, and temperature even with a pane of glass. Gloxinia are best watered from below, to avoid rot at the leaf-axils, even when potted-off permanently.

**Campbell's Giant Mixture.** Pkt., 50c.

**GODETIA. go-dee'-she-a.**

Pink, rose, red, and white, large satiny flowers for showy beds in sun or partial shade, and bouquets (all the buds open in water); sow November to May. Germination period 2 weeks.

**HALF-DWARF** (1½ feet; flowers in clusters):

**Brilliant**, deep crimson.

**Duke of York**, rich scarlet, edged white.

**Kelvedon Glory**, salmon-apricot.

**Orange Glory**, new vivid salmon-orange, 15c.

**Sybil Sherwood**, soft salmon-pink.

**Double Sybil Sherwood**, 15c.

**White Swan**, large, pure white.

**Single Varieties Mixed.**

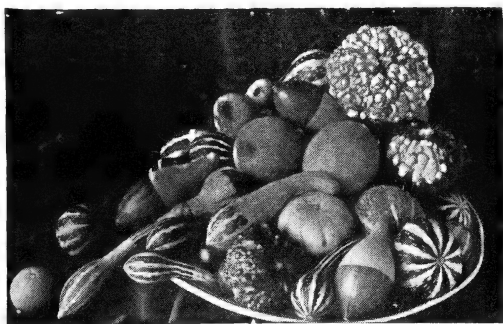
**Double Azalea-flowered Mixed.** ½-oz., \$1.00; ¼-oz., 35c, Pkts., 10c.

**TALL** (2½ feet; double flowers in spikes):

**Carmine Improved.**

**Rosy Morn**, bright pink.

**All Colors Mixed.** ¼-oz., 35c; Pkts., 10c.



**A Few Small Gourd Varieties, Fascinating to Grow**

**GOURDS**

Quick vines or trailers, with grotesque or ornamental fruits; sow March to June. Germination period 2 weeks.

**Cultural Note:** Sow in open, in warm, sandy soil. Do not water after they begin to bloom, else flowers may drop. For perfect shaped specimens, train vines on fence or trellis. Do not pick fruits until individual stems are brown and fingernail will not dent shell. After picking hang in an airy, dry place to cure. Large, hard-shelled varieties are usually scrubbed and painted; small, colorful varieties wiped free of dust and given a light coating of varnish or shellac.

**LARGE-FRUITED VARIETIES:**

**Bird's Nest**, hour-glass shape.

**Calabash, or Penguin Gourd.**

**Cave Man's Club**, medium-sized, knobby, stays dark green. Pkt., 15c.

**Dipper**, used for dippers.

**Dish Cloth or Bath Sponge.**

**Giant Bottle or Chinese Water Jug.**

**Hercules Club**, club-shaped, 2½ feet long.

**Longissima**, slender, 4-6 feet long; edible.

**GOURDS—continued****Turk's Turban**, large striped squash.**Large Sorts Mixed.** Oz., 40c; ½-oz., 25c; Pkts., 10c.**SMALL-FRUITED VARIETIES:****Apple, Shaped**, striped.**Bottle**, miniature variety.**Crown of Thorns**, finger-like projections. Pkt., 15c.**Egg Shaped**, white, fools hens.**Flat**, round, flat, striped green-and-white.**Hand Grenade** or **Horned Cucumber**. Pkt., 15c.**Orange**, color and shape right.**Pear Shaped**, mixed colors.**Spoon**, ball-shaped, long slender neck.**Turk's Cap**, scarlet top, white bottom.**Warted** varieties mixed.**Small Sorts Mixed.** Oz., 45c; ½-oz., 25c; Pkts., 10c.**GRASSES, Ornamental.**

Decorative and interesting seed-heads as well as foliage, for mixed bouquets or to use with everlastings; 1 to 2 feet; sow February to May.

**Many Varieties Mixed.** ¼-oz., 35c; Pkt., 10c.**GYPSOPHILA elegans (Baby's Breath).** jip-sof'-fill-a.White, pink, or red, dainty flowers in airy clusters for mixing in bouquets; 2 feet; sow anytime. Germination period 10 to 14 days. **Grandiflora Alba**, white; **Pink**; **Crimson**. Pkts., 15c.**GYPSOPHILA paniculata. Per.**Double, tinier flowers than the annual, ideal for bouquets and mixing, all summer and fall on large, bushy plants; 3 feet; sow October to May. Germination period 2 weeks. **Double Snow White**; **Pacifica**, pale pink, blooms earlier. Pkts., 25c.**HELENIUM autumnale (Sneezewort). Per.**

hell-lee'-ni-um.

Golden yellow, single daisy flowers with crimson zone and dark globular centers in Fall; 4 feet; sow November to March. Germination period 10 to 20 days. **Riverton Gem**. Pkt., 15c.

# HORMODIN POWDER

Reg. U. S. Pat. Off.

The Hormone Powder for rooting cuttings faster and better. Available in three strengths as Hormodin Powder No. 1 for house, garden, and greenhouse plants; Hormodin Powder No. 2 for woody and semi-woody plants; Hormodin Powder No. 3 for evergreens and trees.



**HELIANTHEMUM mutabile (Rock Rose). Per.**

hee-li-an'-the-mum.

Rose, turning lilac, then white, single-rose-like flowers on evergreen rockery plant; 8 to 12 inches; sow February to May.  $\frac{1}{8}$ -oz., 35c; Pkt., 10c.

**Impatiens for Color in Summer Shade****HELIANTHUS (Sunflower). Hee-li-an'-thus.**

Yellow, orange, bronze-red, large daisy flowers, showy for backgrounds; sow December to April. Germination period 10 to 14 days.

**Russian** (10 feet), gigantic single, with edible seeds. Oz., 15c; Pkt., 10c.

**Maroon Prince**, large red, 4 feet. Pkt., 10c.

**Miniature** (5 feet), small golden yellow. Oz., 35c; Pkt., 10c.

**Sun Gold**, new, Improved Chrysanthemum-flowered (4 feet), large, fully-double golden flowers.  $\frac{1}{4}$ -oz., 25c; Pkt., 10c.

**HELIANTHUS angustifolius (Autumn Glory). Per.**

Golden yellow masses of bloom in Fall, from clusters of daisy flowers, with small dark centers; 5 to 7 feet; sow December to March. Pkt., 15c.

**HELICHRYSUM (Strawflower). Hell-i-cry'-sum.**

Yellows, pinks, reds and white, large, very double everlastings, showy in beds and backgrounds; 3 feet; sow October to May. Germination period 2 weeks.

**All Colors Mixed.**  $\frac{1}{8}$ -oz., 25c; Pkt., 10c.

**HELIOPHILA linearifolia (Cape Cress). hee-lee-o-fy'la.**

Bright deep blue, white-centered flowers in spikes with wiry stems, foliage grass-like, for pots and borders; 1 foot; sow October to May. Pkt., 25c.

**HELIOTROPE. Per.**

Blue and purple shades, in fragrant clusters, easily grown; 2 to 6 feet; sow February to May for bloom first year. Germination period 3 weeks.

**King of the Blacks**, deep purple.

**Madame Lederle**, deep blue.

**Mammoth Mixed.** Pkts., 15c.

**HERBS**

(See page 67).

**HESPERIS matronalis (Sweet Rocket). Per.**

hess'-per-is.

Purple and white single stock-flowers, fragrant in evening; 3 feet; sow anytime. Germination period 18 days. **Mixed.** Pkt., 10c.

**HETEROPAPPUS (Blue Daisy). het-er-oh-pap'-pus.**

Lavender-blue daisy-flowers in Fall; 2 feet; sow February to May. Pkt., 15c.

**HEUCHERA (Coral Bells). Per. hew'-ker-a.**

Pink, rose, and red, tiny bell-like flowers in clusters, with attractive low foliage, for rockeries and borders in sun or partial shade;  $1\frac{1}{2}$  to 2 feet; sow July to March. **Brizoides**, rose-pink. **Sanguinea**, coral-red. **Hybrids**, shades from pink to crimson. Large Pkts., 35c; Small Pkts., 15c.

**HONESTY. (See Lunaria).**

**HIBISCUS (Mallow Marvels).** Per. hy-bis'-kus.

Pink, red, white, large flowers, 6 inches across; the true herbaceous Hibiscus, quite hardy anywhere; 4 feet; sow February to May for bloom first season. Germination period 2 to 4 weeks. **Mixed.** Pkt., 10c.

**HOLLYHOCK.** Per.

Pink, salmon, red, and yellow shades, in stately spikes ideal for backgrounds; 5 to 6 feet; sow February to August. Germination period 3 weeks.

**Chater's Double Newport Pink, Rose, Salmon, Crimson, Chamois, Scarlet, Yellow, Mixed.** Pkts., 15c; 3 for 35c.

**Sure to Bloom... the New Annual Hollyhock, Indian Spring**

**Indian Spring**, rose-pink shades; semi-double. Blooms in 6 months, so may be grown as an annual. Pkt., 15c. **Single Mixed.** Pkts., 10c.

**HONEYSUCKLE, French (Hedysarum coronarium).** Per. Small red, fragrant flowers on bushy plant for bedding; 2 feet; sow March to July. Pkt., 10c.

**HUMULUS japonicus variegata. (Japanese Hop).** Vine. hew'-mew-lus.

Rapid climber, with dense green, variegated white foliage untroubled by heat, drought or insects; sow March to May. Germination period 30 to 40 days.  $\frac{1}{4}$ -oz., 30c; Pkt., 10c.

**HUNNEMANNIA fumariaefolia (Mexican Tulip Poppy).** Per. hun-nee-man'-i-a.

Bright yellow, cup-shaped flowers, 3 inches across on long stems, keeping well when cut; 2 feet; sow November to April. Germination period 2 weeks.

**Sunlite**, improved type.  $\frac{1}{8}$ -oz., 35c; Pkt., 15c.

**HYACINTH BEAN.** (See Dolichos).

**IBERIS Gibraltarica (Perennial Candytuft).** Per. eye-beer'-is.

Lilac, turning white, small flowers in clusters on spreading, sunny rockery perennial in spring; 8 inches; sow January to May.  $\frac{1}{8}$ -oz., 25c; Pkt., 10c.

**IMPATIENS Holsti (Zanzibar Balsam).** im-pay'-ti-enz.

Rich pinks, reds, and purples, rapid-growing and long-blooming, for pots and half-shady outdoor beds;  $1\frac{1}{2}$  feet; sow March to June. Germination period 15 days.

**Hybrids Mixed.** Large Pkt., 35c; Small Pkt., 15c.

**IPOMOEA.** (See Morning Glories).

**JERUSALEM CHERRY.** (See Solanum).

**JOB'S TEARS.** (See Coix Lachrymae).

**JOHNNY-JUMP-UP.** (See under Viola).

**JAPANESE HOP.** (See Humulus).

**KALE, Ornamental.** (See Cabbage, Flowering).



**KENILWORTH IVY (*Linaria Cymbalaria*). Per.**

Dainty trailer, for shade with tiny lilac, orange-lipped flowers; sow January to May. Pkt., 10c.

**KOCHIA Childsii. koh'-ki-a.****(Summer Cypress).**

Bright green feathery foliage, forming compact bushes quickly, that turn fiery red in Fall; 2 to 4 feet; sow January to June. Germination period 10 days. Oz., 35c; Pkt., 10c.

**KUDZU VINE (*Pueraria******Thunbergiana*). Per. Vine.**

Very rapid, vigorous shade vine, with light purple, fragrant, Wisteria-like flowers; nick seed-coat before sowing; sow February to May. Germination period 25 to 50 days. ¼-oz., 25c; Pkt., 10c.



**"Fire-Bush" or  
Kochia**

**LANTANA. Per.**

Red, pink, lavender, orange, and yellow flowers in verbenalike clusters; bloom the first year from seed and form shrubs; sow January to May:

**Dwarf Hybrids**, 1 to 2 feet.  
**Tall**, 3 to 5 feet. ¼-oz., 45c; Pkts., 10c.

**LARKSPUR (Annual Delphinium).**

Pink, red, blue, lilac, and white, ideal bedding and cutting flowers; 3 to 5 feet; sow September to March. Germination period 4 to 8 weeks. (See page 39).

**Cultural Note:** Larkspurs are cool weather plants, and are best sown in the fall, where they are to remain. In cold climates, November sowing is ideal, since a winter chilling aids good germination in early spring.

**GIANT IMPERIAL** (tall, upright type, branching at the base to yield long stems for cutting):

**Blue Bell**, clear azure blue.

**Blue Spire**, rich deep blue.

**Carmine King**, rose-red.

**Coral King**, new deep coral-pink.

**Pink Perfection**, (New), best pure pink (15c).

**Miss California**, salmon-pink.

**Lilac Spire**, deep lavender.

**White King**, new erect pure white.

**Giant Imperial Mixed**. Oz., \$1.50; ¼-oz., 45c; Pkts., 10c; (5 for 40c.)

**STOCK-FLOWERED** (3 to 4 feet; branches along stalk, so stems shorter):

**Mixed**. Oz., 60c; ½-oz., 35c; Pkts., 10c.

**SUPER MAJESTIC**, Newest type; usually reaches a height of 5 ft.; large blooms on long branches. **Rose Pink; Lavender; White** (Novelty); Pkts., 25c.

**LATHYRUS latifolius (Perennial Sweet Pea). Per. Vine.**

lath'-i-russ.

Red, pink, and white sweet-pea flowers (not fragrant) in clusters, on vine best as trailer and ground-cover; sow November to May. Germination period 3 weeks. **Pink Beauty; White Pearl; Red; Mixed**. ¼-oz., 35c; Pkts., 10c.

**LAVATERA splendens (Annual Mallow). la-va-tee'-ra.**

Rose-pink, large flowers on bushy plant for show and cut; 2½ feet; sow November to March. Germ. period 2 to 5 weeks.

**Rosea**, best rose. ¼-oz., 30c; Pkt., 10c.

**LAVATERA assurgentiflora (Calif. Windbreak). Per.**

Rose-pink flowers on fast-growing shrub-like perennial; evergreen in mild climates; kills out in severe; 10 feet; sow March to July. Germination period 3 to 5 weeks. ½-oz., 40c; Pkt., 10c.

**LAVENDER (*Lavandula vera*). Per. la-van'-dew-la.**

Small lavender flowers, delightfully fragrant; a favorite for drying; 2 feet; sow October to March. Germination period 30 days.

**Munstead Strain**, dwarf (1 foot), deep lavender. Pkt. 15c.

**True English** (2 feet). ¼-oz., 35c; Pkt., 10c.

# Campbell's Simplif

**SYMBOLS USED:** **P**—Perennial, **PA**—Perennial which flowers first year if sown early (those not designated **P** or **PA** are of course Annuals), **S**—Shade,  $\frac{1}{2}$ **S**—Semi-shade, **F**—Fragrant, **T**—Tender (should not be set outdoors until all danger of Frost is over), **V**—Vine, **C**—Ground-cover, **F-O**—May be sown either in open ground or in flats.

| NAME                                   | Sow         | Where | Bloom       | Height  |
|--|-------------|-------|-------------|---------|
| <b>Abutilon</b> PA T $\frac{1}{2}$ S   | Feb.-April  | Glass | June-Sept.  | 3 ft.   |
| <b>Achillea</b> P                      | March-July  | Flat  | April-July  | 2 ft.   |
| <b>Acroclinium</b>                     | Nov.-March  | Open  | April-July  | 1½ ft.  |
| <b>Agatheia</b> P                      | March-Aug.  | Flat  | All Year    | 1½ ft.  |
| <b>Ageratum</b> T                      | Feb.-Aug.   | Flat  | June-Oct.   | ½-2 ft. |
| <b>Agrostemma</b> P                    | March-Sept. | Flat  | June-July   | 2 ft.   |
| <b>Alyssum, Sweet</b> F                | Anytime     | Open  | All Year    | 6 in.   |
| <b>Alyssum</b> P                       | March-June  | Flat  | April-May   | 10 in.  |
| <b>Anagallis</b> C                     | March-June  | Open  | May-Aug.    | 8 in.   |
| <b>Anemone</b>                         | July-Nov.   | F-O   | March-April | 8 in.   |
| <b>Antirrhinum</b>                     | July-Feb.   | Flat  | Jan.-July   | ½-4 ft. |
| <b>Aquilegia</b> P $\frac{1}{2}$ S     | April-Aug.  | Flat  | May-July    | 3 ft.   |
| <b>Arabis</b> P                        | Anytime     | Flat  | Feb.-April  | 8 in.   |
| <b>Arctotis</b> PA                     | Anytime     | Flat  | All Year    | 1½ ft.  |
| <b>Aster</b>                           | Feb.-June   | Flat  | July-Sept.  | 2½ ft.  |
| <b>Aster</b> P                         | Feb.-June   | Flat  | Sept.-Nov.  | 2 ft.   |
| <b>Aubretia</b> P                      | Jan.-May    | Flat  | Feb.-April  | 6 in.   |
| <b>Balsam</b> T $\frac{1}{2}$ S        | March-May   | F-O   | June-Sept.  | 1½ ft.  |
| <b>Bartonia</b>                        | Nov.-April  | Open  | March-July  | 2 ft.   |
| <b>Begonia</b> PA T $\frac{1}{2}$ S    | Jan.-May    | Glass | All Year    | 6 in.   |
| <b>Bellis</b> PA $\frac{1}{2}$ S       | Oct. April  | Flat  | Feb.-Aug.   | 6 in.   |
| <b>Brachycome</b>                      | Nov.-April  | Open  | March-July  | 10 in.  |
| <b>Browallia</b> $\frac{1}{2}$ S       | Sept.-March | Open  | Jan.-June   | 1 ft.   |
| <b>Calceolaria</b> T S                 | Aug.-Dec.   | Glass | Jan.-May    | 1 ft.   |
| <b>Calendula</b>                       | July-March  | Flat  | Dec.-June   | 2 ft.   |
| <b>Campanula</b> $\frac{1}{2}$ S       | April-July  | Flat  | May-July    | 3 ft.   |
| <b>Calliopsis</b>                      | March-July  | Open  | June-Oct.   | 1-3 ft. |
| <b>Candytuft</b>                       | Nov.-May    | Open  | March-Aug.  | 1 ft.   |
| <b>Carnation</b> P F                   | Oct.-April  | Flat  | May-Oct.    | 1½ ft.  |
| <b>Celosia</b> T                       | March-May   | Flat  | July-Oct.   | 1-2 ft. |
| <b>Centaurea</b>                       | Nov.-May    | F-O   | March-Aug.  | 1-3 ft. |
| <b>Chrysanthemum</b> P                 | Feb.-May    | Flat  | Sept.-Dec.  | 3 ft.   |
| <b>Cineraria</b> T S                   | June-Oct.   | Flat  | Feb.-June   | 1-3 ft. |
| <b>Clarkia</b>                         | Nov.-April  | Open  | April-July  | 2 ft.   |
| <b>Coboea</b>                          | Feb.-May    | Open  | July-Aug.   |         |
| <b>Coleus</b> P T S                    | Feb.-May    | Glass | Foliage     | 1-2 ft. |
| <b>Collinsia</b> $\frac{1}{2}$ S       | Nov.-April  | Open  | March-June  | 15 in.  |
| <b>Cosmos</b>                          | March-July  | Open  | June-Oct.   | 3-5 ft. |
| <b>Coreopsis</b> P                     | Nov.-March  | Flat  | May-Aug.    | 3 ft.   |
| <b>Cyclamen</b> P S                    | June-Aug.   | Flat  | Oct.-May    | 1 ft.   |
| <b>Cynoglossum</b>                     | Oct.-March  | F-O   | March-July  | 2 ft.   |
| <b>Cypress Vine</b> V T                | March-May   | Open  | July-Sept.  |         |
| <b>Dahlia</b> PA T                     | Feb.-May    | F-O   | July-Oct.   | 1-6 ft. |
| <b>Delphinium</b> P                    | Anytime     | Flat  | April-Oct.  | 5 ft.   |
| <b>Dianthus</b> P F                    | Feb.-May    | Flat  | All Year    | 1 ft.   |
| <b>Didiscus</b>                        |             | F-O   | June-Sept.  | 2½ ft.  |
| <b>Digitalis</b> Bien. $\frac{1}{2}$ S | March-June  | Flat  | April-July  | 4 ft.   |
| <b>Dimorphothecca</b>                  | Anytime     | F-O   | Nov.-June   | 1 ft.   |
| <b>Eschscholtzia</b>                   | Aug.-March  | Open  | Jan.-May    | 1 ft.   |
| <b>Gaillardia</b> P                    | Sept.-April | Flat  | March-Sept. | 2 ft.   |
| <b>Gaura</b>                           | Feb.-May    | F-O   | July-Nov.   | 3 ft.   |
| <b>Gerbera</b> P                       | Anytime     | Flat  | All Year    | 1½ ft.  |
| <b>Geum</b> P                          | July-Sept.  | Flat  | April-July  | 1-2 ft. |
| <b>Gilia</b>                           | Nov.-May    | Open  | June-Oct.   | 1 ft.   |
| <b>Gloxinia</b> PA T S                 | Jan.-April  | Glass | March-Aug.  | 1-2 ft. |
| <b>Godetia</b>                         | Nov.-May    | Open  | July-Oct.   |         |
| <b>Gourds</b> V T                      | March-June  | Open  | All Year    | 2 ft.   |
| <b>Gypsophila</b>                      | Anytime     | F-O   |             |         |
| <b>Helichrysum</b>                     | Oct.-May    | F-O   | April-Sept. | 3 ft.   |
| <b>Heliotrope</b> PA T F               | Feb.-May    | Flat  | June-Nov.   | 3 ft.   |
| <b>Heuchera</b> P $\frac{1}{2}$ S      | July-March  | Flat  | May-Aug.    | 1½ ft.  |
| <b>Hollyhock</b> P                     | Feb.-Aug.   | F-O   | June-Sept.  | 5 ft.   |
| <b>Hunnemannia</b> PA                  | Nov.-April  | F-O   | June-Sept.  | 2 ft.   |

**Further Garden Information can be obtained from**  
**Colorado Street PASADENA, Calif. . .**

# ified Planting Chart

| NAME                     | Sow         | Where | Bloom       | Height   |
|--------------------------|-------------|-------|-------------|----------|
| <b>Iberis</b> P F        |             |       | Feb.-June   | 1 ft.    |
| <b>Inpatiens</b> PA T S  | March-June  | Flat  | June-Oct.   | 1½ ft.   |
| <b>Fluchia</b>           | Jan.-June   | Open  | Foliage     | 2-3 ft.  |
| <b>Lantana</b> PA T      | Jan.-April  | Flat  | May-Nov.    | 1-5 ft.  |
| <b>Lathyrus</b> PA V     | Nov.-May    | Open  | June-Aug.   |          |
| <b>Larkspur</b>          | Sept.-March | Open  | April-July  | 3-5 ft.  |
| <b>Lavender</b> P F      | Oct.-March  | Flat  | April-June  | 2 ft.    |
| <b>Leptosyne</b>         | Sept.-Apr.  | Open  | April-Sept. | 1½ ft.   |
| <b>Linaria</b>           | Sept.-May   | Open  | Jan.-Aug.   | 15 in.   |
| <b>Linum rubrum</b>      | Anytime     | Open  | All Year    | 2 ft.    |
| <b>Lobelia</b> T         | Jan.-May    | Flat  | May-Nov.    | 4 in.    |
| <b>Lupinus</b>           | Dec.-April  | Open  | March-July  | 1-3 ft.  |
| <b>Marigold</b>          | Jan.-July   | Flat  | July-Nov.   | 1-3 ft.  |
| <b>Mignonette</b> F      | Anytime     | Open  | All Year    | 1 ft.    |
| <b>Mimulus</b> F T ½ S   | March-June  | Flat  | May-Aug.    | 10 in.   |
| <b>Mina lobata</b> V T   | Feb.-May    | Open  | Aug.-Nov.   |          |
| <b>Morning Glory</b> V T | March-June  | Open  | June-Nov.   |          |
| <b>Myosotis</b> PA S     | Aug.-Oct.   | F-O   | Feb.-June   | 1 ft.    |
| <b>Nasturtium</b> C F T  | Anytime     | Open  | Jan.-Aug.   | 10 in.   |
| <b>Nemesia</b>           | Oct.-April  | F-O   | Feb.-June   | 1 ft.    |
| <b>Nemophila</b> C       | Oct.-May    | Open  | Jan.-Aug.   | 10 in.   |
| <b>Nicotiana</b> F ½ S   | Oct.-June   | Open  | Feb.-June   | 1 ft.    |
| <b>Nierembergia</b> PA   | Jan.-Apr.   | Flat  | March-June  | 6 in.    |
| <b>Pansy</b> F           | July-Dec.   | Flat  | Oct.-July   | 6 in.    |
| <b>Penstemon</b> PA      | Aug.-Nov.   | Flat  | March-Nov.  | 2 ft.    |
| <b>Petunia</b> C         | Jan.-July   | Flat  | Mar.-Nov.   | 6-30 in. |
| <b>Phacelia</b> C        | Nov.-April  | Open  | March-July  | 1-2 ft.  |
| <b>Phlox Drummond</b>    | Jan.-July   | F-O   | April-Nov.  | 1 ft.    |
| <b>Poppy, Iceland</b> PA | Aug.-March  | F-O   | Jan.-July   | 1½ ft.   |
| <b>Poppy, Shirley</b>    | Nov.-May    | Open  | March-July  | 1½ ft.   |
| <b>Portulaca</b> C T     | Feb.-May    | F-O   | June-Oct.   | 6 in.    |
| <b>Primula poly.</b> P S | Nov.-May    | Flat  | March-May   | 6 in.    |
| <b>Primula malac.</b> S  | May-Oct.    | Flat  | Dec.-May    | 1 ft.    |
| <b>Pyrethrum</b> P       | Sept.-May   | Flat  | March-June  | 1½ ft.   |
| <b>Ranunculus</b> PA     | July-Nov.   | F-O   | Feb.-May    | 1 ft.    |
| <b>Rehmannia</b> PA ½ S  | Oct.-April  | Flat  | March-Oct.  | 2-4 ft.  |
| <b>Rudbeckia</b> P       | Aug.-May    | Flat  | Aug.-Nov.   | 2 ft.    |
| <b>Saintpaulia</b> P T S | Anytime     | Glass | All Year    | 6 in.    |
| <b>Salpiglossis</b>      | Nov.-May    | F-O   | April-Sept. | 2 ft.    |
| <b>Salvia</b> T          | Feb.-May    | Flat  | June-Sept.  | 1-2 ft.  |
| <b>Saponaria</b>         | Feb.-Apr.   | Open  | April-July  | 2 ft.    |
| <b>Scabiosa</b>          | Oct.-May    | F-O   | Mar.-Sept.  | 2½ ft.   |
| <b>Schizanthus</b> ½ S   | Nov.-May    | F-O   | March-July  | 1½ ft.   |
| <b>Shasta Daisy</b> PA   | Anytime     | Flat  | May-Aug.    | 2 ft.    |
| <b>Statice</b> P ½ S     | Anytime     | Flat  | All Year    | 2 ft.    |
| <b>Stevia</b> PA         | Jan.-May    | F-O   | Dec.-May    | 2 ft.    |
| <b>Stock</b> F           | July-March  | Flat  | Dec.-June   | 2 ft.    |
| <b>Stokesia</b> P        | Dec.-April  | Flat  | July-Sept.  | 2 ft.    |
| <b>Streptocarpus</b> P T | Nov.-March  | Glass | April-Oct.  | 6 in.    |
| <b>Sweet William</b> P F | Oct.-May    | Flat  | April-July  | 1½ ft.   |
| <b>Thalictrum</b> P      | Oct.-May    | Flat  | Aug.-Sept.  | 4 ft.    |
| <b>Tithonia</b> T        | March-June  | F-O   | Sept.-Nov.  | 6-8 ft.  |
| <b>Torenia</b> T         | Feb.-June   | Flat  | July-Oct.   | 9 in.    |
| <b>Trachelium</b> P      | Feb.-May    | Flat  | June-Sept.  | 1½ ft.   |
| <b>Valeriana</b> PA F    | Dec.-April  | F-O   | June-Sept.  | 2½ ft.   |
| <b>Venidium</b>          | Jan.-May    | F-O   | March-July  | 2 ft.    |
| <b>Verbena</b> PA F C    | Dec.-Aug.   | F-O   | March-Nov.  | 1 ft.    |
| <b>Vinca</b> PA          | Feb.-April  | Flat  | May-Nov.    | 1 ft.    |
| <b>Viola</b> F           | July-March  | Flat  | Oct.-June   | 6 in.    |
| <b>Virginian Stock</b> C | Oct.-May    | Open  | Jan.-July   | 6 in.    |
| <b>Violet</b> P F ½ S    | Sept.-May   | Flat  | Jan.-May    | 6 in.    |
| <b>Viscaria</b>          | Oct.-April  | F-O   | April-June  | 1 ft.    |
| <b>Wallflower</b>        | Sept.-March | F-O   | Jan.-June   | 1½ ft.   |
| <b>Zinnia</b>            | Feb.-July   | F-O   | June-Nov.   | 1-3 ft.  |

Obtained by visiting our store at 137 West  
Fertilizers - Insecticides - Garden Supplies

# Flower Seed Planting Suggestions

## Sow in Spring

These in left columns

## Sow in Fall

These in right columns

### FOR EDGINGS

|           |            |              |                 |
|-----------|------------|--------------|-----------------|
| Ageratum  | Marigold   | Alyssum      | Myosotis        |
| Aster     | Nasturtium | Arabis       | Nemesia         |
| Begonia   | Phlox      | Armeria      | Nemophila       |
| Dianthus  | Petunia    | Bellis       | Pansy           |
| Gazania   | Portulaca  | Candytuft    | Pyrethrum       |
| Gomphrena | Verbena    | Cupid Peas   | Virginian Stock |
| Lobelia   | Zinnia     | Dusty Miller | Viola           |

### EVERLASTINGS

|            |            |             |             |
|------------|------------|-------------|-------------|
| Physalis   | Lunaria    | Acroclium   | Grasses     |
| Gomphrena  | Statice    | Catananche  | Xeranthemum |
| Gypsophila | paniculata | Helichrysum |             |

### GOOD POT PLANTS

|              |              |           |               |
|--------------|--------------|-----------|---------------|
| Begonia      | Mimulus      | Browallia | Gesneria      |
| Coleus       | Nierembergia | Campanula | Pansy         |
| Gloxinia     | Saintpaulia  | (Per.)    | Primula       |
| Impatiens    | Primula      | Cineraria | Streptocarpus |
| Lobelia, Tr. | Exacum       | Cyclamen  | Schizanthus   |

### FOR FRAGRANCE

|            |              |            |            |
|------------|--------------|------------|------------|
| Carnation  | Nicotiana    | Alyssum    | Stock      |
| Dianthus   | Sweet Sultan | Candytuft  | Sweet Pea  |
| Heliotrope | Sweet Wm.    | Matthiola  | Wallflower |
| Nasturtium | (Gleam)      | Mignonette | Valerian   |

### FOR GROUND COVER

|            |            |            |              |
|------------|------------|------------|--------------|
| Anagallis  | Portulaca  | Alyssum    | Linaria      |
| Nasturtium | Verbena    | Brachycome | Nemophila    |
| Nolana     | Thunbergia | Gilia      | Fairy        |
|            |            | Stars      | Wild Flowers |

### FOR PARTIAL AND FULL SHADE

|            |            |            |             |
|------------|------------|------------|-------------|
| Aquilegia* | Impatiens  | Anemone*   | Pansy*      |
| Begonia    | Heuchera*  | Clarkia*   | Platycodon* |
| Cineraria  | Mimulus    | Bellis*    | Cyclamen*   |
| Coleus     | Primula    | Collinsia* | Gowetia*    |
| Campanula* | Rehmannia* | Myosotis   | Linaria*    |
| Foxglove   | Vinca*     | Browallia  | Nemophila*  |

\*Denotes those for Partial Shade.

### DROUGHT-RESISTANT

|              |            |               |             |
|--------------|------------|---------------|-------------|
| Ageratum     | Helianthus | Abronia       | Coreopsis   |
| Calliopsis   | Marigold   | Alyssum       | Gaillardia  |
| Centaurea    | Petunia    | Arctotis      | Hollyhock   |
| Cosmos       | Portulaca  | Bartonia      | Mesembryan- |
| Cynoglossum  | Scabiosa   | Brachycome    | themum      |
| Dianthus     | Tithonia   | Browallia     | Statice     |
| Euphorbia    | Vinca      | Candytuft     | Verbena     |
| Four o'Clock | Zinnia     | Dimorphotheca |             |

### FOR ROCK GARDENS

**Sow in Spring:** Abronia, Anagallis, Arabis, Armeria, Aubrietia, Candytuft Dwarf, Cerastium, Dianthus, Helianthemum, Iberis, Gilia Fairy Stars, Lobelia, Marigold Dwarf, Nolana, Portulaca, Rockery perennials mixed, Sanvitalia, Thunbergia, Verbena, Zinnia Haageana.

**Sow in Fall:** Alyssum, Bellis, Brachycome, Campanula pusilla, Candytuft Dwarf, Cheiranthus, Dianthus, Dimorphotheca, Gilia, Linaria, Myosotis, Nemesia, Nemophila, Phacelia, Sedum, Virginian Stock.

### VINES

**Sow in Spring:** Antigonon, Aristolochia, Asparagus plumosus, Australian Pea Vine, Balloon Vine, Balsam Apple and Pear, Canary Bird Vine, Cardinal Climber, Coboea, Cypress Vine, Dolichos or Hyacinth Bean, Gourds, Humulus or Japanese Hop, Kudzu Vine, Lathyrus latifolius, Mile-a-Minute, Mina lobata, Moon Vines, Morning Glories, Thunbergia, Phaseolus or Snail Vine, Scarlet Runner, Wild Cucumber.

**Sow in Fall:** Early Spencer Sweet Peas.



**Campbell's Giant Imperial Larkspur**  
**Yields Extra-Long Stately Spikes....Pkts. 10c**

**LAYIA elegans (Tidy Tips).** lay'-i-a.

Yellow daisy, petals edged with creamy-white, for quick spring show and cutting; one of the finest California natives; 1½ feet; sow October to April. Pkt., 10c.

**LEMON VERBENA (Aloysia citriodora).** Per.

Fragrant-leaved, hardy shrub; 6 to 10 feet; sow February to May. Pkt., 15c.

**LEPTOSIPHON.** (See *Gilia micrantha* and *liniflora*.)

**LEPTOSYNE Stillmanni (Wild Coreopsis).**

Yellow daisy-flowers for cutting, six weeks after sowing; California wildflower; 1½ feet; sow October to April. Germination period 10 days.

**Single,** ¼-oz., 60c; Pkt., 10c.

**Double, Golden Rosette,** large yellow. Pkt., 15c.



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**LEPTOSYNE maritima** (Sea Dahlia). Per.

Yellow flowers fine for cutting; native perennial blooming in 90 days; 2 feet; sow September to April. Germination period 2 weeks. Pkt., 10c.

**LIATRIS pycnostachya** (Kansas Gayfeather). Per.

ly-ate'-ris.

Strikingly showy tall, feathery spikes of rosy-purple in midsummer; 5 feet; sow March to August. Germination period 3 to 5 weeks. Pkt., 15c.

**LILIES, True (Lilium Species). Per.** lil'-i-um.

Sow in pots, flats, or ground-beds, in a lath-house, a shaded greenhouse, or a lath-shaded cold-frame, using plenty of sand and leaf-mold in the soil. Top growth seldom appears until roots have become well developed. The quicker-germinating species, marked with an asterisk (\*) in the list below should be sown from March to June, about ¼-inch deep (top growth appears in 3 to 8 weeks). The slower sorts require a period of warmth followed by a period of cold before top growth will appear, and are thus best sown from July to September for germination the following spring. Cover about ½-inch. After germination a light mulch of peat moss will assist in keeping the soil surface evenly moist. Most lilies will thrive in partial shade in a lime-free soil enriched with leaf-mold, kept moist but with really good drainage.

\***Amabile**, recurved red petals, spotted black; 2 feet; blooms June. Pkt., 25c.

**Auratum var. platyphyllum** (Gold-Banded Lily), outspread white petals, each striped with a yellow band and spotted with crimson; fragrant; 4 to 7 feet; blooms August-Sept. Pkt., 25c.

**Columbianum var. Ingrami**, (Oregon Lily), recurved golden-orange petals spotted purple; 5-7 feet; bloom June-July. Pkt., 25c.

\***Concolor (Star Lily)**, rock-garden var., with narrow, outspread orange-scarlet petals; 1½ feet; June-July. Pkt., 15c.

**Croceum (Cottage Garden or Orange Lily)**, brilliant pure orange upright flowers; 3-6 feet; bloom June-July. Pkt., 25c.

\***Formosanum (Fall Regal Lily)**, white trumpets shaded externally with violet; fragrant; 4-6 feet; bloom Sept.-Oct. (first season if sown early). Pkt., 15c.

**Giganteum Himalaicum (Giant Lily)**, the tallest and most imposing of all lilies; well-grown specimens reach 12 feet, with 25 to 30 immense white trumpets, purple-spotted inside, in August; prefers sheltered, shady woodland. Pkt., 25c.

\***Henryi ("Orange Speciosum")**, recurved golden yellow petals, spotted brown; one of the hardiest, and best for cutting; 5-8 feet; bloom August-September. Pkt., 15c.

**Humboldtii var. Magnificum (California Lily)**, recurved golden orange petals, dotted maroon; striking in flower and foliage, which is dark green, in whorls or tiers on stem; when set out prefer sun, a ground-cover, and perfect drainage; 5 feet; bloom July. Pkt. 25c.

**Japonicum**, best true pink lily, with fragrant trumpets in varying shades of pink; 3 feet; bloom June. Pkt., 25c.

\***Longiflorum Praecox White Queen** (Easter Lily), large, long, pure white trumpets; this is an improved form, taller than the type, and fine for cutting and garden show, as well as Easter forcing; 4 feet; blooms June-July from seed sown previous spring. Pkt., 35c.

**Martagon** (Turk's Cap Lily), recurved waxy light purple petals, spotted deeper purple, numerous on tall spikes; 4-6 feet; bloom June-July. Pkt., 25c.

**Pardalinum Giganteum** (Sunset Lily), recurved long petals, deep red spotted purple, with golden center; magnificent species, very robust and hardy; 5-7 feet; bloom July. Pkt., 25c.

**Parryi** (Lemon Lily), lemon-yellow, spotted brown, tubular flowers with recurved petal-tips; fragrant; 4 feet; blooms July. Pkt., 25c.

\***Regale** (Regal Lily), the most popular lily in America, with large golden-throated white, open trumpets tinted pink externally; very fragrant; easily forced in pots or grown outdoors; 4 feet; bloom June-July. Pkt., 15c.

**LILIES—continued**

**Shuksan**, the best of the late Dr. David Griffith's hybrids, recurved rich orange, dotted black, petals; vigorous and handsome with many flowers in bloom at once; 4-5 feet; bloom July. Pkt., 25c.

**Superbum** (American Turk's Cap, Nodding Lily, Wild Tiger Lily), orange yellow, spotted brown, pendulous flowers with reflexed petals; 5-7 feet; bloom July-August. Pkt., 25c.

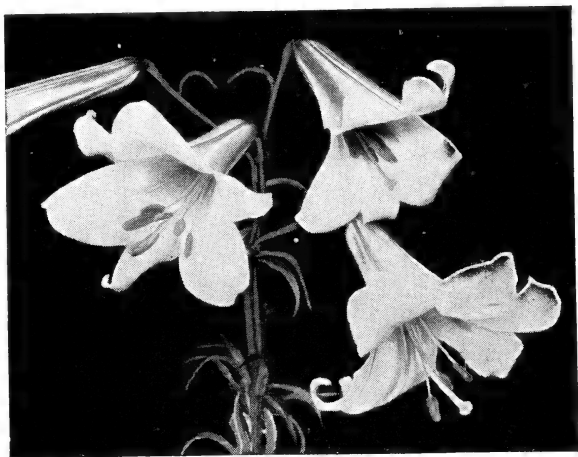
**Speciosum Rubrum** (Japanese Lily), large open white flowers flushed and spotted with deep rose; one of the most beautiful and popular of all lilies; 4-6 feet; blooms August-September. Pkt., 25c.

**\*Tenuifolium** (Siberian Coral Lily), the most popular dwarf lily for the garden and rockery; 10 to 20 dainty bright scarlet, nodding reflexed flowers to a spike; 18 in., May-June. Pkt. 15c.

**\*Tenuifolium Golden Gleam**, lovely new bright yellow form of the above. Pkt., 25c.

**Washingtonianum** (Mt. Hood Lily), tubular white flowers, dotted purple in the throat, the petal-tips opening wide and star-like; fragrant; 3-6 feet; bloom June-July. Pkt., 25c.

**\*Willmottiae**, recurved orange-red petals; grass-like foliage; one of the hardiest and most dependable species; 4-5 feet; bloom July. Pkt., 25c.



**Dependable and Beautiful  
Regal Lilies....Packets 15c**

**LIMNANTHES Douglasi (Meadow Foam).**

**Lim-nan'-theez.**

White-and-yellow, fragrant flowers, effective in beds or edgings, in moist partial shade; native; 6 inches; sow November to April.  $\frac{1}{8}$ -oz., 30c; Pkt., 10c.

**LINARIA (Toad Flax) (Baby Snapdragon). ly-nay'-ri-a.**

Lavender, purple, pink, chamois, yellow, red, etc., miniature snapdragon-flowers, unusually fine for beds, ground covers, or mixed bouquets, in winter and spring; sow September to February.

**MAROCCANA HYBRIDS** (15 inches):

**Alba Pearl**, pure white.

**Diadem**, large violet, white eye.

**Golden Gem**, deep yellow.

**Ruby King**, rich deep red. Pkts., 10c.

**Hybrid Mixture**. Oz., \$1.00;  $\frac{1}{4}$ -oz., 30c; Pkt., 10c.

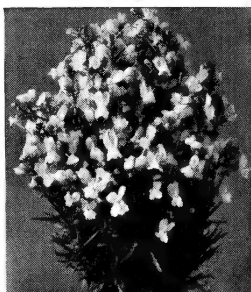
**DWARF COMPACT TYPE** (8 inches):

**Fairy Bouquet**, new, bushy type, with large flowers in pastel shades.  $\frac{1}{2}$ -oz., \$1.10;  $\frac{1}{8}$ -oz., 35c; Pkt., 10c.

**Fairy Bridesmaid**, New lemon yellow. Pkt., 15c.

**LINARIA. Per.** (See also Kenilworth Ivy.)

Pale yellow, or soft pink, snapdragon-like flowers, larger than in annual type; sow July to February, **Dalmatica Macedonica**, yellow (3 feet). **Canon Want**, new pink for edging, with beautiful smooth grey foliage (2 feet). Pkts., 10c.



**Lobelia, Cambridge Blue, and (Left) Fairy Bridesmaid Dwarf Linaria**

**LINUM. Per.** ly'-num.

Sky-blue or yellow flowers, profusely produced in spring and summer; blooms in 4 months; 2½ feet; sow January to May. Germination period 3 to 4 weeks.

**Flavum**, showy clear yellow.

**Perenne**, light blue. (1½-oz., 35c).

**Narbonense**, deep azure blue, compact. Pkts., 10c.

**LINUM grandiflorum rubrum (Scarlet Flax).**

Bright scarlet flowers, on slender graceful plant, in all seasons; particularly useful in winter; 1½ to 2½ feet; sow any month. Germination period 2 weeks. Oz., 50c; Pkt., 10c.

**LOBELIA cardinalis (Cardinal Flower). Per.**

Fiery scarlet flowers in erect spikes with bronzy-green foliage; 2 feet; sow January to March. Pkt., 15c.

**LOBELIA erinus compacta.** loh-bee'-li-a.

Blue bedding and edging plants; 4 inches; sow January to May. Germ. period 10 to 15 days.

**Cambridge Blue**, fine light blue. (Pkt., 15c).

**Crystal Palace**, dark blue, bronzy foliage.

**Emperor William**, bright-blue, green foliage.

**Mrs. Clibran**, clear deep blue, white eye. (Pkt., 15c).

**White Lady**, pure white. Pkts., 10c.

**LUNARIA (Honesty) (Money Plant).** loo-nay'-ri-a.

Round, flat, silvery transparent seed-pods, to dry for winter decoration; 2 feet; sow October to May. Germination period 2 to 3 weeks. ¼-oz., 70c; Pkt., 10c.

**LUPINUS (Lupine).** loo-pine'-us.

Blue, pink, and white pea-flowers in clusters, for beds and bouquets; native; sow December to April. Germination period 10 days.

**DWARF VARIETIES** (1 foot):

**Nanus**, California native, deep blue.

**Texensis** (Texas Blue Bonnet), clear blue. Oz., 50c; Pkts., 10c.

**TALL VARIETIES** (3 feet):

**Hartwegii Giant King** type, large flowers and spikes, in shades of blue, and white. **Deep Blue. Mixed.** Oz., \$1.00; ¼-oz., 30c; Pkt., 15c.

**LUPINUS Polyphyllus (Russell Lupins). Per.**

Blues, pinks, salmon, cream, red, lavender, purple, and combinations of these and other shades; with stately spikes and luxuriant foliage in partial shade; 3 feet; sow August to March for bloom first season, nicking seeds with sharp knife. Germination period 7 to 20 days. Pkts., 15c and 25c.

**LYCHNIS Chalcedonica. Per.** lick'-nis.

Vivid scarlet flower-cluster, above low foliage; 2 feet; sow January to May. Germination period 3 to 4 weeks. Pkt., 10c.

**MALLOW MARVELS** (See Hibiscus.)**MARGUERITE, Annual.** (See Chrysanthemum Nivelli.)



**MARIGOLD (*Tagetes*). tay-gee'-teez.**

Orange, yellow, brown, striped, spotted; splendid for summer and fall bedding and cutting; sow January to July. Germination period 5 to 10 days.

**Cultural Note:** The African Marigolds are heavy feeders, and thrive in rich soil, well-watered. The French Marigolds are, however, very light feeders, and bloom best, kept on the dry side, in unfertilized soil.

**AFRICAN** (tall double fistulosa; 2½ feet):

**Orange Prince All-Double.**

**Lemon Queen All-Double.**

**Mixed** (above 2 var.).

**CARNATION TYPE:**

**Guinea-Gold**, loose-petalled orange.

**Yellow Supreme**, loose-petalled yellow.

**Gigantea, Sunset Giants**, New giant-flowered type.

**Orange Sunset**, deep orange. **Mixed.**

**Burpee Gold**, improved odorless-foliaged Marigold, bright orange similar to Guinea Gold. All above, ¼-oz., 70c; Pkts., 10c.

**Harmony Marigold for Bedding**

**Pot O'Gold** (New Dwarf Gigantea-flowered). See Novelties, page 4.

**Red-and-Gold Hybrids**, combine the size and vigor of the African with the rich red colors of the French. Pkt., 15c.

**Wildfire**, new singles. See Novelties, page 5.

**CHRYSANTHEMUM-FLOWERED** (new type, with compact head of small incurved petals):

**Early Sunshine**, bright lemon-yellow.

**Limelight**, new soft lime-yellow.

**Hybrids Mixed**, all shades of orange and yellow. ⅛-oz., 40c; Pkts., 10c.

**Goldsmith** (New), soft golden-orange.

**FRENCH**, tall sorts, 3 feet.

**Ferdinand**, new single, gold-tuft center flanked red-brown.

**Tall Double Harmony Hybrids**, mixed.

**Double Mixed**, all colors.

**Marigold**, continued next page.

**AROUND THE YEAR IN THE GARDEN**, by F. F. Rockwell. This book will help you be more efficient. It is arranged in 52 chapters, each telling what to do in the garden every week of the year. It covers the vegetable garden, flower garden, roses, shrubs, berries, fruit trees, insects and diseases, vegetables for winter, pruning, and all other garden operations. 88 illustrations; 350 pages; 5½ x 7¾ inches. **\$3.00.**

**MANUAL OF CULTIVATED PLANTS**, by L. H. Bailey. This valuable reference book contains descriptions of 3665 species of cultivated plants of North America, information on the making of an herbarium, explanation of more than 1000 botanical terms, a list of the authorities responsible for the Latin binomials, and a key to the 170 families included in the book. 793 pages; 8½ x 5¼ inches. Reduced from \$8.00 to **\$5.00.**

**SPRAYING, DUSTING, AND FUMIGATING OF PLANTS**, by A. F. Mason. An invaluable handbook and reference for fruit growers, vegetable gardeners, nurserymen, and home gardeners. Tells what pests to expect and how to identify and control them, how to choose the right spray materials, how to select spraying and dusting machinery, and other details for the successful pest control of fruits, vegetables, and garden plants. 237 illustrations, 570 pages; 5½ x 8 inches. **\$3.00.**

**ANNUALS FOR YOUR GARDEN**, by Daniel J. Foley. The ideal handbook! Contains full cultural directions for 90 annual flowers, gives the latest information about varieties. 32 full-color plates; 97 pages; 5½ x 7½ inches. **ONLY \$1.00.**

**MARIGOLD**, continued.

**FRENCH** (dwarf sorts, 10 inches):

**Robert Biest**, double deep maroon.

**Harmony**, deep orange with maroon collar of broad petals; very even habit.

**Harmony Hybrids**, showy combinations of gold, yellow, and maroon.

**Spotlight**, New red, yellow center.

**Yellow Pygmy**, new soft lemon-yellow, very dwarf and compact; splendid summer edging.

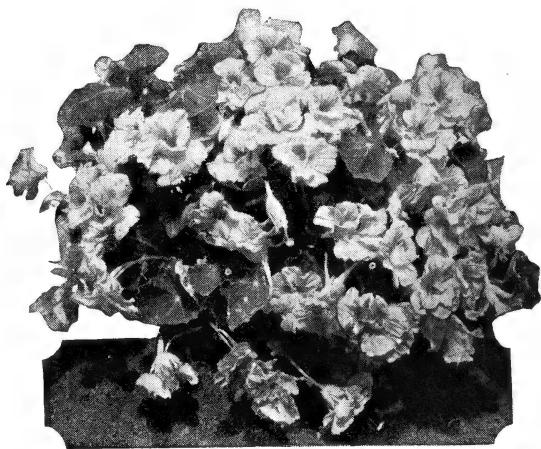
**Royal Scot All-Double**, golden yellow striped maroon, of very even habit.

**Monarch Strain**, large rich-colored mixture,  $\frac{1}{4}$ -oz. 50c; Pkts., 10c.

**Scarlet Glow (New)**.

**Spry (New)**.

**Tagetes signata pumila**, bright yellow, tiny single flowers in great profusion on compact bushes for edgings; 8 inches. Pkt., 10c.



**Dwarf Double Nasturtium, Golden Globe.** (See page 46).

**MARTYNIA proboscidea (Unicorn Plant).** mar-tin'-i-a.

Buff-yellow and red-violet pentstemon-like flowers, and soft large leaves. Unusually interesting seed-pods, each with a long curved horn which splits into two parts as it ripens and hardens. Attractively painted, they resemble birds. Sow April to June in full sun.  $\frac{1}{4}$ -oz., 35c; Pkt., 15c.

**MATRICARIA (Feverfew).** Per. mat-ri-cay'-ri-a.

White or yellow, double flowers in clusters, for beds, borders, or cutting, all summer and fall; sow December to April. Germination period 10 to 15 days.

**CAPENSIS** (Feverfew), semi-double white; 2 feet.

**EXIMIA**, fully-double type; 1 foot.

**Golden Ball**, golden yellow.

**Snowball**, pure white,  $\frac{1}{16}$  oz., 35c; Pkt., 10c.

**MATTHIOLA bicornis (Evening-scented Stock).**

ma-thy'-o-la.

Mauve, small, single flowers, valued for their evening fragrance; 2 feet; sow January to July. Try them broadcast in a sunny corner near your outdoor living-room. Pkt., 10c.

**MESEMBRYANTHEMUM criniflorum (Annual Ice Plant).**

Pink, rose, lavender, white, cream, and yellow large daisy-like flowers, on low plants for sunny rockeries and edgings in poor soil; 1 foot; sow February to April. Germination period 2 weeks. **New Hybrid Mixture.** Large Pkt., 35c; Small Pkt., 15c.

**MEXICAN FLAME FLOWER** (See Tigridia).

**MEXICAN POPPY.** (See Hunnemannia).

**MEXICAN ZINNIA** (See Zinnia Haageana).

**MIGNONETTE (*Reseda odorata*). re-zee'-da.**

Deliciously fragrant small flowers in spikes; 1 foot; sow any month. Germination period 2 weeks.

**Goliath Red**, large red spikes.

**White Goliath**,  $\frac{1}{4}$ -oz., 50c; Pkts., 10c.

**Sweet Mignonette**, the old-fashioned favorite. Oz., 35c;



**Mile-a-Minute Vine for Quick Shade**....Pkt., 15c  
Pkt., 10c.

**MILE-A-MINUTE VINE (*Ipomoea dissecta*). Vine.**

Creamy-white, wine-red-centered, medium-sized flowers open all afternoon on fast-growing vine with lovely lacy foliage; notch seeds or soak overnight; sow April to June. Pkt., 15c.

**MIMOSA pudica (Sensitive Plant). my-moh'-sa.**

Pinkish-white flowers; named for the peculiarly-acting leaves, which close and droop for a time when touched; 1 foot; sow January to May. Germination period 10 to 15 days. Pkt., 10c.

**MIMULUS. mim'-you-lus.**

**Moschatus (Musk Plant)**, small yellow flowers on scented bushy plant in shade or pots.

**Tigrinus (Money Flower)**, white, yellow, orange, copper and red, showy spotted flowers for partial shade; 10 inches; sow March to June. Germination period 5 to 10 days. **Queen's Prize Mixed**. Pkts., 15c.

**MINA LOBATA (Flag of Spain). Vine.**

Red, changing to yellow, tubular flowers in clusters on rapid vine, with beautiful lobed leaves; sow February to May; notch seed, or soak, for surer germination (period is 2 weeks). Pkt., 15c.

**MONARDA didyma (Bergamot). Per. mo-nar'-da.**

Brilliant scarlet bracts; good for bees and massing;  $2\frac{1}{2}$  feet; sow January to May. Pkt., 15c.

**MOON VINE (*Ipomoea noctiflora*). Per. Vine.**

Pure white, large flowers open at night, on rapid climber; sow February to April, notching the seeds or soaking 24 hours. Germination period 40 to 60 days. **White Moonflower** (*grandiflora alba*), open at night and early morning. Pkt., 15c.

**MORNING GLORIES. Vines. (See also Cardinal Climber, Cypress Vine, and Mile-a-Minute Vine.)**

Rapid, very showy annual vines; sow March to June, soaking seeds 24 hours. Germination period 10 to 21 days. For best bloom, never fertilize, and water very sparingly.

**CONVOLVULUS SPECIES; Major Blue; Major Mixed.** Oz., 25c; Pkts., 10c.

**IPOMOEA SPECIES:**

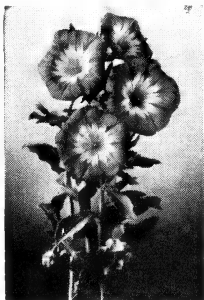
**Heavenly Blue**, Clarke's Early-flowering, sky-blue, 4-inch flowers, with yellow throat;  $\frac{1}{4}$ -oz., 35c.

**Imperialis, Japanese Imported Hybrids Mixed**, very large, unusual colorings;  $\frac{1}{4}$ -oz., 35c.

**Scarlett O'Hara**, new deep rosy-crimson;  $\frac{1}{4}$ -oz., 50c.

**Cornell**, deep red, strikingly margined with white;  $\frac{1}{4}$ -oz., 70c.

**Rose Marie**, double deep rose flowers, produced early and freely;  $\frac{1}{4}$ -oz., 35c.  
All above, Pkts., 15c.



**Bush Morning Glory**



**Effective Red-and-White Morning Glory, Cornell**

**MORNING GLORY, Bush. (*Convolvulus tricolor*).**

Bright blue flowers, with white centers and golden throats, on dwarf, bushy plants (not a vine); 1 foot; sow March to June. Soak seeds before planting.  $\frac{1}{2}$ -oz., 40c; Pkt., 10c.

**MOSS ROSE. (See Portulaca.)**

**MYOSOTIS (Forget-Me-Not). Bien. Per. my-o-soh'-tis.**

Blue dainty flowers, for moist, shady beds and borders; 1 foot; sow August to October. Germination period 2 weeks.

**BIENNIALS**

**Alpestris**, blue, spreading.

**Victoria**, bright blue, yellow-centered, for edging, 8 inches

**PERENNIALS:**

**Oblongata perfecta, Blue Bird**, deep blue, best winter-flowering variety.

**Palustris semperflorens**, blooms from early spring until fall. Pkts., 15c.

**NASTURTIUM (*Tropaeolum*). tro-pee'-o-lum.**

Bright flowers, very easily grown; the dwarf sorts for edgings in sun or partial shade, the talls covering low fences, or trailing as a ground cover, and both furnishing bouquets; sow anytime. Germination period 10 to 14 days.

**DOUBLE-FLOWERING** (spreading type):

**Golden Gleam**, large, fragrant golden yellow flowers in profusion.

**Mahogany Gleam**, rich dark red.

**Moon Gleam**, soft creamy yellow.

**Orange Gleam.**

**Salmon Gleam**, buff pink.

**Scarlet Gleam**, bright scarlet.

**Gleam Hybrids**, cream, yellow, orange, scarlet, crimson, yellow spotted red, etc., **Mixed.**

All above, oz., 40c;  $\frac{1}{2}$ -oz., 25c; Pkts., 10.

**DOUBLE DWARFS, (Gem Type; 10 inches):**

**Golden Globe**, new double, rich yellow dwarf.

**Scarlet Gem**, vivid red, green leaves.

**Gem Mixture** (all colors). Oz., 35c; Pkts., 10c.

**SINGLES:**

**Dwarf, mixed** (all colors; 10 inches). Oz., 15c; Pkt., 10c.

**Tall or Trailing, California Giants Mixed.** Oz., 15c;  $\frac{1}{2}$ -oz. pkt., 10c.

**NICOTIANA Affinis (Sweet-scented Tobacco Plant).**

ni-koh-she-ain'-a.

White, pink, lavender, and crimson, large, open flowers with long tubes, very fragrant at night; easily-grown, quick and continuous-flowering; 2 to 4 feet; sow where to remain, October to June. Germination period 10 days. **Waxy White; Crimson King; Pink Shades; Hybrida Mixed**, all colors.  $\frac{1}{4}$ -oz., 30c; Pkts., 10c.

**Suaveolens**, new semi-dwarf with medium-sized sweetly-fragrant white flowers. Pkt., 25c.

**NEMESIA.** ne-mee'-she-a.

Orange, yellow, rose, scarlet flowers in clusters; for showy beds and borders in winter and spring; sow October to April. Germination period 20 days. **Strumosa grandiflora Suttoni**; Large-flowered **Blue, Orange, Rose, Scarlet**, and **Mixed**, 1 foot. Pkts., 10c. **Compacta Blue Gem**, splendid forget-me-not-like bedder, 7 in. Pkt., 10c.

**NEMOPHILA insignis (Baby Blue Eyes).** nem-off'-i-la.

Sky-blue or white cups; California native; for beds and bulb-cover in sun or partial shade; 6 inches; sow where to remain. October to May. Germination period 7 to 10 days. **Maculata**, spotted lavender. **Giant White. Clear Blue. Oz.**, 35c;  $\frac{1}{2}$ -oz., 20c; Pkts., 10c.

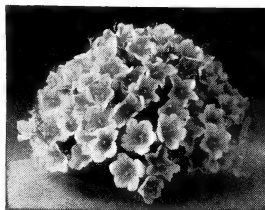
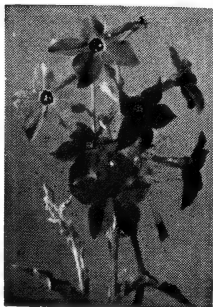
**Baby Blue Eyes****NEPETA Mussini. Per.** nep'-e-ta.

Small blue flowers; grey foliage, ideal for rockeries and edgings; 1 foot; sow January to April. Germination period 18 days. Pkt., 15c.

**NIEREMBERGIA Hippomanica (Dwarf Cup Flower).**

**Per.** near-em-ber'-ji-a.

Lavender-blue open-cup flowers cover the compact, dwarf (5 inch) bushes all spring and summer. One of the best new flowers! Sow January to April for bloom first year. Pkt., 25c.

**Dwarf Cup Flower  
or Nierembergia**

**Crimson King  
Nicotinia**

**NIGELLA Damascena (Love-in-a-Mist).** ny-jell'-a.

Semi-double, blue flowers, nestling in fine, feathery foliage;  $1\frac{1}{2}$  feet; sow February to May. Germination period 2 weeks. **Miss Jekyll**, corn-flower-blue.  $\frac{1}{4}$ -oz., 25c; Pkt., 10c.

**NOLANA (Chilian Bell Flower).** no-lay'-na.

Blue-lavender bell-shaped flowers, on a sunny ground-cover plant; 6 inches; sow February to May. Pkt., 10c.

**OENOTHERA Lamarckiana (Evening Primrose).** Bien. ee-noth'-er-a.

Yellow, large flowers, opening at dusk and fragrant in the evening; easily-grown background plant in sun or semi-shade; 4 feet; sow December to March. Germination period 30 days.  $\frac{1}{2}$ -oz., 20c; Pkt., 10c.

**ORTHOCARPUS Purpurascens (Owl's Clover)**

California native; pink blooms; sow late Fall. Pkt., 10c.

**PAINTED DAISY.** (See Chrysanthemum, Annual.)**PANSY**

Reds, purples, blues, yellow, and white; unsurpassed for low beds and edgings; 6 inches; sow July to October for winter, and until March for spring and summer. Germination period 10 to 15 days.

**Baby Delight**, new clear, light blue with wavy petals; dwarf, compact plants; ideal for late or spring planting, flowering in 70 days. Pkt., 25c.

**ROGGLI'S SWISS GIANTS** (original seed). To be very largest flowers and longest stems.

**Alpenglow**, rich deep red.

**Hohenfuer**, orange-red shades.

**Lake of Thun**, pure deep blue.

**Rheingold**, immense dark-centered yellow.

**Gold Gelbe**, largest pure yellow.

**Berna**, rich purple.

**Jungfrau**, best pure white. All above; Pkts., 35c.

**Mixed**, a splendid range of colors. 1/16-oz., \$1.75; Pkts., 25c.

**Geneva Giants**, less expensive American-grown Swiss Giant strain. 1/8-oz., \$1.25; Pkt., 15c.

**Super Maple Leaf Giants**, huge flowers in a lighter color-range. 1/16-oz., \$1.50; Pkt., 25c.

**Engelmann's Giants**, as large-flowered as the Roggli, in a different color range. 1/16-oz., \$1.75; Pkt., 25c.

**Steele's Mastodon Jumbo Mixture**, the largest-flowered American strain. 1/16-oz., \$1.75; Pkt., 25c.

**Campbell's Argyle Giants**, splendid bedding mixture, with fine colors and good-sized flowers. Oz., \$4.50; 1/4-oz., \$1.25; 1/16-oz., 35c; Pkt., 10c.

**PASITHEA coerulea. Per. pas-sith'-i-a.**

Deep, luminous blue star-like flowers in mid-spring, in loose clusters on wiry stalks well above grass-like foliage, entirely dormant in summer; 3 feet; rare, fine for cutting; sow March to August. Pkt., 25c. (Dormant bulbous clumps available August to October. Each 25c).

**PASSION VINE (Passiflora edulis). Per. Vine.**

Beautiful and interesting waxy blue-and-white flowers on attractive vine, evergreen in mild climates, apt to winter-kill in severe; fruits edible, and much-prized for the strongly-flavored juice; sow March to July. Germination period 30 to 40 days. Pkt., 15c.

**PENTSTEMON. Per. pent-ste'-mon.**

Pink, scarlet, crimson, purple and white, gloxinia-like flowers in spikes, unusually showy in beds and borders; sow August to November for blooms same season. Germination period 17 days.

**DWARF VARIETIES** (1 foot):

**Heterophyllus "Blue Gem,"** rich blue.

**TALL VARIETIES** (2-2½ feet):

**Coboea**, very large-flowered lavender.

**MINIATURE HYBRIDS**, for cutting or bedding, with flowers like Sensation, but one-half the size.

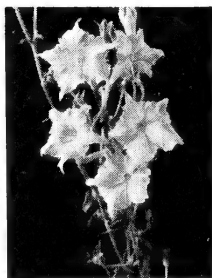
**Sensation, Fink**, shades.

**Sensation, Red**, shades.

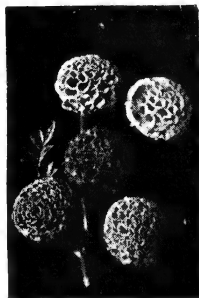
**Sensation, Violet-purple**, shades.

**Sensation White.**

**Sensation Mixed**, 1/16-oz., 50c; Pkts., 15c.



**Unusual Petunia  
Hollywood Star**



**Monarch Strain of  
French Marigold**

**PETUNIA hybrida.** pe-too'-ni-a.

Pink, rose, red, lavender, blue, purple, and white; unusually floriferous bedding plants, continuing in bloom from spring to winter; sow January to July. Germination period 10 days.

**Cultural Note:** Mix seed with fine sand and sprinkle over surface of ready-moistened, finely-screened light soil-mixture in seed-pans or flats. Cover with glass or damp burlap until seed sprouts; watering unnecessary if soil was properly moistened, although watering from below allowable. Remove cover when first sprouts show.

**MINIATURE, VERY DWARF SORTS** (6 inches):

**Brilliant Rose Gem**, new rich deep rose.

**Pink Gem**, rose-pink.

**White Gem**, new white. Pkts., 15c.

**Violet Gem**, new violet-blue.

**Pink and White Gem**.

**DWARF SORTS** (Nana Erecta; 9-12 inches):

**Celestial Rose**, improved Rose of Heaven, bright rose.

**Cream Star**, new creamy-white, very compact (15c).

**First Lady**, new pink.

**Glow**, new scarlet-rose; splendid bedder (15c).

**Heavenly Blue** (Silver Blue), light blue.

**Rosy Morn**, bright pink, white throat.

**Salmon Supreme**, new salmon-pink (25c).

**Snowball**, pure white.

**Twinkles**, brilliant rose, starred white.

**Velvet Ball**, deep red.

**Violet-Blue**, new rich blue-purple (15c).

**Mixed Dwarf Bedding Varieties**

All unpriced items Pkts., 10c.

**DWARF LARGE-FLOWERED OR RUFFLED SORTS:**

**Betsy Ross**, new ruffled red-and-white.

**Hollywood Star**, unusual star shape, brilliant rose.

**King Henry**, new, best velvety red.

**Martha Washington**, ruffled pink, veined wine-red in the throat. Pkts., 25c.

**General Washington**, new. See novelties, page 6.

**Ruffled Mixed**, new mixture of these. Pkt., 25c.

**LARGE-FLOWERING (BEDDING-SPREADING)****GROUP** (1½ to 2 feet):

**General Dodds**, blood red (Pkt., 10c).

**Honor Bright**, new large-flowered bright salmon. See Novelties, page 6.

**Radiance**, brilliant rose-and-gold.

**Topaz Rose**, new, intense deep rose; fine.

**Violacea**, Elks' purple.

**Balcony Blue**, large blue-purple.

**Balcony Cornflower Blue**, light blue.

**Balcony Rose**, rose-pink.

**Balcony Mixed**, trailing vine-habit. Pkts., 15c.

**GIANT RUFFLED-FLOWERING SORTS** (1-1½ feet):

**Burgundy**, wine-red with white throat.

**Copper Red**.

**Dainty Lady**, new fringed, pale yellow.

**Elks' Pride**, blue-purple.

**Pink Glory**, splendid pure rose-pink.

**Pink Triumph**, clear pink, frilled edge.

**White Cloud**, pure white, compact.

**Giants of California, Supreme Strain**, new mixture stressing the pink and rose shades, but including all colors.

All above. Packets, 25c; 5 for \$1.00.

**DOUBLE GIANT RUFFLED:**

**Blue Brocade**, new rich violet-blue. See Novelties, page 5.

**Extra Select Double Mixed**. Pkt., 50c; 3 for \$1.25.

**PHACELIA.** fa-see'-li-a.

Blue shades; native; sow November to April. Germination period 15 days.

**Blue Plate** (Viscida; 1 foot); with large brilliant blue flowers for bedding. ¼-oz., 45c; Pkt., 10c.

**Campanularia** (California Blue Bell; 6 inches), gentian-blue bell-flowers for edging, flowering quickly. ¼-oz., 35c; Pkt., 10c.

**Tanacetifolia** (Wild Heliotrope; 2 feet), mauve-blue cluster, good for bees. ½-oz., 25c; Pkt., 10c.

**Whitlavia** (Wild Canterbury Bell; 1 foot), dark blue bells in sun, or partly-shaded beds. ¼-oz., 35c; Pkt., 10c.

**PHLOX decussata grandiflora. Per.**

Pinks, reds, lavenders, purple and white; showy summer border plant; seeds slow to germinate, taking from 6 weeks to 6 months; 3 feet; sow October to March. **Mixed.** Pkt., 15c.

**PHLOX Drummondii grandiflora.**

Pinks, reds, lavenders, salmon, yellow, and white; easily-grown, spring, summer and fall bedder; sow January to July. Germ. period 10 to 15 days.

**ONE-FOOT VARIETIES:**

**Chamois Rose** (salmon-pink).

**Dark Red.**

**Fiery Scarlet.**

**Deep Rose.**

**Flesh Fink**, rose eye.

**Isabellina**, creamy yellow.

**Pure White.**

**Violet**, white eye.

All above,  $\frac{1}{8}$ -oz., 50c; Pkts., 10c.

**GIGANTEA**, extra-large-flowered strain:

**Salmon Glory**, new salmon-pink, with cream eye. Pkt., 15c.

**Rosy Morn**, new bright rose-pink with white eye. See **Art Shades Mixed**, contains the above, and other light shades.  $\frac{1}{8}$ -oz., 50c; Pkt., 15c.

**DWARF VARIETIES** (nana compacta; 6 inches):

**Fireball**, scarlet.

**Chamois Rose**, salmon pink.

**Violet Blue.**

**Mixed Dwarfs**,  $\frac{1}{16}$ -oz., 50c; Pkts., 15c.



**"Carnation" Poppy**

**PHYSALIS Franchetti (Chinese Lanterns). Bien.**

fiss'-a-lis.

Orange-scarlet pods the second year, beautiful dried for winter decoration;  $1\frac{1}{2}$  feet; sow January to June. Germination period 3 weeks.  $\frac{1}{8}$ -oz., 25c; Pkt., 10c.

**PHYSOSTEGIA Virginiana (Obedient Plant). Per.**

fy-soh-stee'-ji-a.

Lavender-pink, tube-shaped flowers in showy spikes on bushy border plant in July and August; 4 feet; sow September to May. Germination period 25 days.  $\frac{1}{16}$ -oz., 40c; Pkt., 15c.

**PLATYCODON grandiflora (Bell Flower). Per.**

plat-i-koh'-don.

Blue, balloon-like buds, opening into large, deep blue bell-shaped flowers for partly shaded borders;  $1\frac{1}{2}$  feet; sow August to March. Germination period 12 to 15 days.  $\frac{1}{8}$ -oz., 45c; Pkt., 15c.

**PLATYSTEMON Californicus (Cream Cups).**

plat-i-stee'-mon.

Native; creamy-white flowers like miniature double Shirley poppies; sow October to March in full sun, where to remain.  $\frac{1}{8}$ -oz., 45c; Pkt., 15c.

**POPPY (Papaver sp.). pah-pay'-ver.**

Pink, rose, orange, and red shades; quick, showy, large-flowered bedders, which may be cut if the cut ends of the stems are singed; sow November to May. Germination period 10 to 14 days.

**Flanders** (True French Poppy), deep red.

**SHIRLEY** (crinkled petals and hairy foliage;  $1\frac{1}{2}$  feet):

**American Legion**, large orange-scarlet.

**Wild-Rose Pink.**

**Single Formula Mixture**, many choice shades.

**Double Camelia-flowered.** All, Oz., 60c;  $\frac{1}{4}$ -oz., 20c; Pkts., 10c.

**TALL SORTS** (smooth foliage; 3 feet):

**Single Mixed.**

**Double Salmon Pink**, huge pompons.

**Double Carnation Flowered. Mixed.** Pkts., 10c.

**POPPY. Per.**

Sow August to March. Germination period 10 to 15 days.

**Glaucium** (3 feet), deep, glossy orange, smooth foliage, magnificent specimen plant. Pkt., 10c.



**POPPY, Continued:**

**NUDICAULE (ICELAND);** 1½ feet, with crinkly-petalled flowers on long stems above low leaf-clumps, fine for edgings and bouquets; bloom first year:

**Pastel Tints,** new.

**Sandford's Giants,** oranges, yellows, and white—the best strain in size of flower and vigor.

**Gartref Hybrids,** giant flowers in beautiful shades, picotee-edged.

**Empress,** lovely, large salmon-rose shades.

**Emperor,** giant orange.

**White,** pure white.

**Yellow Wonder,** giant buttercup-yellow, 1/16-oz., 50c; Pkts., 15c.

**Oriental Hybrids** (2½ feet), strong foliage and stems, and huge flowers in salmon, rose, orange and red shades. Pkt., 15c.

**PORTULACA grandiflora (Moss Rose).**

pohr-tew-lak'-ka.

Pink, rose, lavender, yellow, orange, and red shades; showy ground-cover and bedder standing hot, dry situations; 6 inches; sow February to May. Germination period 2 weeks.

**SINGLE:**

**Rose, Red, Yellow, Rainbow Mixed.** ¼-oz., 45c; Pkts., 10c.

**Double, Reselected Mixed.** ⅛-oz., 65c; Pkt., 15c.



**Primula Malacoides, Baby Primrose.**

**PRIMULA (Primrose).** prim'-you-la.

Showy flowers for pots and beds in shade.

**Cultural Note:** Sow seeds on surface of compost half fibrous loam, balance equal parts leaf-mold, decayed cow manure, and sharp sand (if manure is not old, it is better left out), pressed firmly in flat, or 6-inch pot half filled with drainage. Sprinkle seeds thinly with similar soil, and cover with pane of glass. Shade from sun and keep moist from below. May is best month, but sowings may be made successfully any time.

**POLYANTHUS** (Perennial) English-type; 6 inches:

Yellow, orange, brown, red, purple flowers in large clusters. Germination period 60 days):

**Giant Munstead Strain,** mostly yellow shades.

**Kleynii,** the finest large deep yellow.

**Vulgaris** (Common Primrose), yellow, fragrant. (15c).

**Giant-flowered Hybrids,** all colors. Pkts., 25c; 5 for \$1.00.

**CHINESE TYPE:**

Salmon, rose, lavender, crimson, white; for pots and bedding; 10 inches. Germination period 15 days.

**Chinensis Stellata (Star) Mixed.**

**Chinensis Fimbriata Mixed.** Pkts., 25c; 5 for \$1.00.

**MALACOIDES (Baby Primrose):**

Feathery clusters of small flowers for winter and spring beds and edging; 1 foot. Germination period 3 weeks.

**Brilliancy**, new rose-red.

**Deep Lilac**, large-flowered.

**Eriksonii**, new rosy lilac; large.

**Light Lilac**, the earliest-flowering.

**Snow Queen**, giant white.

**True Rose**, deep rose-pink. Pkts., 25c; 5 for \$1.00.

**GIANT-FLOWERED. Malacoides Strain**

**Enchantress**, soft salmon-rose.

**Lavender Glory**, deep lavender.

**Snow-Flake**, pure white.

**Double Fairy Jewels**, rich rose-pink. Pkts., 50c.

**OBCONICA:**

Large flowers, from December to July; 10 inches. Germination period 30 days.

**Apple Blossom**, light rose-pink.

**Berlin Red (Fassbender Strain)**, huge deep red.

**Coerulea**, clear blue.

**Lachsrosa**, fine new salmon-rose.

**Rhine Pearl**, salmony-red.

**Salmon Queen**, pure salmon pink.

**Wyaston Wonder**, new, largest dark red.

**White**, large pure white.

**Grandiflora Mixed.** Pkts., 50c; 3 for \$1.25.

**PUERARIA. (See Kudzu Vine.)****PYRETHRUM parthenifolium aureum. Per.**

Yellow-foliaged edging plant, grown usually as an annual to border flower beds; 6 inches; sow October to May. Germ. period 3 weeks.  $\frac{1}{4}$ -oz., 25c; Pkt., 10c.

**PYRETHRUM roseum hybridum. Per. py-ree'-thrum.**

Pink, rose, and red, large daisy flowers above feathery foliage, for beds and bouquets; 1 to 2 feet. Sow September to May. Germination period 3 weeks.

**Grandiflorum Single Mixed.**

**Double Choice Mixed.** Large pkts., 35c; small, 15c.

**PYRETHRUM Tchihatchewi (Turfig Daisy). Per.**

Small white daisy-flowers on low, spreading ground-cover plant with feathery, gray-green foliage densely-placed; stands dry soil and walking-on; 6 inches; sow February to July. Pkt., 15c.

**QUEEN ANNE'S LACE FLOWER.**

White, tiny flowers in umbels, the whole forming large lacy heads, attractive in the mixed bed, and useful as a cutflower filler;  $2\frac{1}{2}$  feet; sow February to May. Pkt., 10c.

**RANUNCULUS. Per. rah-nun'-cue-lus.**

Pink, red, salmon, orange, and yellow shades in wonderful variety; 1 foot; sow July to November for flowers first spring. Germination period 30 to 40 days.

**Bonnie Lassie**, pink shades.

**Gold**, true all-golden-yellow strain.

**Huntsman**, red shades.

**White**, (20% creams; 80% whites).

**Giant Double Mixed.** Large Pkts., 35c; small, 15c.

**REHMANNIA angulata. Per. ray-man'-i-ah.**

Deep rose-pink flowers with spotted throats, resembling large Foxgloves, with beautiful foliage, the first season, in sun or partial shade; 2 to 4 feet; sow October to April.

**Alba**, lovely white; rare. Pkt., 25c.

**Pink Perfection**, bright rose. Pkt., 15c.

**RHODANTHE maculata (Immortelle). roh-dan'-the.**

Rose and white, pendulous, overlasting flowers; 1 foot; sow December to May. Germination period 18 days. **Mixed.**  $\frac{1}{8}$ -oz., 25c; Pkt., 10c.

**RICINUS. Per. (See Castor Oil Bean.)****ROCKERY PERENNIALS Mixed. Per.**

A splendid special mixture of 25 hardy, low-growing perennials, unusually interesting to grow, and of course ideal for rock-gardens; 6 to 12 inches; sow October to May. Pkt., 15c.

**ROMNEYA Coulteri (Matlilja Tree Poppy). Per.**

rom'-nee-a.

White flowers, 6 inches across, with many yellow stamens; shrubby, handsome plant, with silvery leaves; 5 feet; sow August to March, allowing 3 to 9 months for germination. Pkt., 15c.

**RUDBECKIA (Cone Flower). rud-beck'-i-a.**

Golden yellow, single daisies, with brown cone-shaped centers, for borders or cutting, in sun or partial shade; 3 feet; sow August to May. Germination period 8 to 10 days.

**Indian Maid.** Pkt., 15c.

**RUSSELL LUPINS. (See Lupinus polyphyllus.)****SAINTPAULIA ionantha (African Violet). Per.**

Deep blue, golden anthers; free and long-flowering pot plant; 6 inches; sow anytime, under glass. Allied to Gloxinia, which see. Pkt., 35c.



**Sanvitalia**  
**the Trailing Zinnia**



**"Painted Glories"**  
**Describes Salpiglossis**

**SALPIGLOSSIS gloxiniaflora (Painted Glories).**

sal'-pi-gloss'-is.

Rose, red, yellow, purple, and white large rich velvety flowers mostly veined with gold, for a striking bed or bouquet; 2½ feet; sow November to May, preferably early as they make their best growth during cool weather. Sow where to remain, or transplant young. Germination period 2 weeks.

**Emperor Mixed.** ¼-oz., 45c; Pkt., 10c.

**SEMI-DWARF** (New sturdy strain; 1½ feet):

**Blue-and-Silver,** mid-blue veined silver.

**Red Star Chamois,** buff-yellow, broad red stripes, star-like from gold throat.

**All-Colors Mixed.** Large Pkts., 35c; small, 15c.

**SALVIA (Sage). Per. sal'-vi-a.**

Blue flowers in spikes, for summer and fall beds; bloom first year; sow February to May. Germination period 2 weeks.

**Farinacea, Blue Bedder,** mid-blue, wooly stems and bracts.

**Patens,** pure indigo blue. Pkts., 15c.

**SALVIA (Scarlet Sage).**

Brilliant red flowers in summer and fall on bushy plants ideal for bedding; sow February to May. Germination period 2 weeks.

**Splendens Bonfire;** 2 feet. Pkt., 10c.

**Blaze of Fire;** the best compact, vivid scarlet; 1 foot. Pkt., 25c.

**SANVITALIA procumbens. san-vi-tal'-i-a.**

Orange-yellow, zinnia-like flowers on trailing plant for hot, dry situations; 6 inches; sow January to May. Germination period 10 days. ¼-oz., 50c; Pkt., 10c.

**SAPONARIA vaccaria rosea. sap-o-nair'-i-a.**

Rose flowers in graceful sprays, like a large-flowered Gypsophila; 2 feet; sow February to April. Germination period 10 days. ¼-oz., 25c; Pkt., 10c.

**SCABIOSA (Scabious). Per.**

Large, splendid, long-stemmed cut-flowers; sow October to May. Germination period 3 weeks.

**CAUCASICA** (2 feet):

**Isaac House Hybrids**, shades of blue, lavender, and white. Pkt., 25c.

**COLUMBARIA** (18 inches):

**Mauve-Lavender.**

**Mauve-pink.** 1/32-oz., 30c; Pkts., 20c.

**SCABIOSA (Pincushion Flower).**

Blue, pink, white, yellow, scarlet, and crimson, large double flowers on long stems for beds and bouquets; 3 feet. Germination period 2 to 3 weeks.

**Cultural Note:** Annual Scabiosas, although they will bloom in summer, do best in cool spring months. Hence, advisable to sow in early fall in warm sections, and in late winter in cold climates. In So. Calif., plants winter over and give their best flowers early this second spring. Thrive in sun, in any good soil.

**Ageratum Blue**, best mid-blue.

**Azure Fairy**, sky blue.

**Blue Moon**, new mid-blue, ball-shaped flowers on extra-long stems. (15c.)

**Heavenly Blue**, new dwarf (18 in.) azure blue. (15c.)

**King of the Blacks**, maroon red.

**Loveliness**, salmon pink.

**Peace**, new.

**Rosette**, deep rose pink (15c.)

**Salmon Beauty**, new, light salmon shades. (15c.)

**Shasta Improved**, giant pure white.

**Giant Hybrids Mixed**, large flowers, rare colors. 1/4-oz., 35c; Pkts., 10c.



**Prize Dahlia**

See page 24



**Isaac House Hybrids  
Perennial Scabosia**

**SCARLET RUNNER BEAN. Vine.**

Bright red pea-flowers on rapid vine with large edible pods; scw February to May. Lb., 75c; 1/4-lb., 25c; oz., 10c.

**SCHIZANTHUS (Poor Man's Orchid). sky-zan'-thus.**

Chamois, rose, lavender, and purple shades, beautifully-marked and unusually formed flowers and fern-like foliage for pots, or partly shaded beds; 1 1/2 feet; sow November to May. Germination period 2 to 4 weeks.

**Grandiflorus Hybrids, Dr. Badger's Improved**, the finest strain. Pkt., 25c; 5 for \$1.00.

**Pansy-flowered**, large, full, richly-colored blooms. New. Pkt., 25c; 5 for \$1.00.

**Wisetonensis Mixed**, for bedding or spring ground or bulb-cover. 1/4-oz., 30c; Pkt., 10c.

**SEDUM (Stonecrop). Per. see'-dum.**

Succulent plants for pots, rockeries, and edgings; very easily grown; sow any month.

**Many Species Mixed.** Large Pkt., 35c; small, 15c.

**SHASTA DAISY (Chrysanthemum maximum). Per.**

Large white border and cutting flower; sow anytime. Germination period 10 to 14 days.

**Alaska** (largest-flowered; 2 1/2 feet).

**May Queen** (more flowers, somewhat smaller; 2 feet). 1/4-oz., 35c; Pkts., 10c.

**Double and Crested Mixed**, new beautiful strain, with large ball-shaped double flowers or single, anemone-centered blooms. Large Pkt., 50c; small 25c.

**SIDALCEA. Per.** sy-dal'-see-a.

Rose, mauve, and purple, hollyhock-like flowers in slender spikes for sunny borders and cutting; 3 to 4 feet; sow September to May.

**Rose-Queen**, rose-pink.

**New Hybrids Mixed.** 1/16-oz., 35c; Pkts., 15c.

**SENECIO elegans (Jacobaea) (Indian Blanket).**

Lavender, purple, red, and white, very double, medium-sized daisy flowers; an unusual bedding plant; 1½ feet; sow October to May.

**All Colors Mixed.** 1/32-oz., 30c; Pkt., 15c.

**SMILAX (Medeola asparagoides). Per. Vine.**

Shade-loving vine with light green foliage, useful for decorating; sow January to May. Germination period 1 month. ¼-oz., 35c; Pkt., 15c.

**SNAIL-VINE (Phaseolus caracalla). Per. Vine.**

Waxy-lavender, fragrant, curiously-twisted pea flowers in clusters; sow March to June, notching or soaking the seeds. Pkt., 15c.

**SNAPDRAGON. (See Antirrhinum.)****SOLANUM (Jerusalem Cherry)****(Christmas Pepper).**

soh-lay'num.

**Capsicastrum Clevelandi (Jerusalem Cherry):** Large, bright red round berries on winter pot plant; 1 foot; sow May to August.

**Pepper, Floral Gem:** Small, pointed peppers, varying in color from creamy-white, lavender, yellow, and orange, to red, edible (very hot!) but grown chiefly as a Christmas pot plant. Pkts., 15c.



**"Russian Rat Tail" Statice**

**STAR OF TEXAS (See Xanthisma.)****STATICE. stat'-i-see.**

Pink, blue, and yellow, small everlasting flowers in clusters; 3 feet; sow any time. Germination period 2 to 3 weeks.

**Bonduelli**, yellow.

**Sinuata Rose, True Blue, Mixed.**

**Suworowii (Russian Rat Tail)**, rose. Pkts., 10c.

**STATICE (Sea-Lavender). Per.**

Straw-like flowers; basal leaves; 2 feet; sow any time.

**Caspia**, sprays of tiny lilac flowers, to mix in bouquets.

**Perezi**, rich deep blue flower clusters, effective in borders. Pkts., 15c.

**STEVIA serrata. Per. Stee'-vi-a.**

White, fragrant, small flowers in large heads for beds and mixed bouquets; may be grown as an annual; 2 feet; sow Jan. to May. 1/16-oz., 35c; Pkt., 10c.

**A BOOK BARGAIN**

**GARDEN FLOWERS IN COLOR**, by G. A. Stevens.

A "best seller" by any standard, this book shows all the important garden flowers in accurately colored photographs and gives descriptions and cultural notes. You will use this book every time you plant, plan a color scheme, or combine plants in bed or border arrangements. It is also useful for identifying plants, for finding correct botanical and common names. 400 photographs in full color; 320 pages; 6¼ x 9¼ inches. Formerly \$3.75..... **NOW \$1.98**

**STOCK.**

Splendid fragrant bedding and cutting plant; sow July to March. Germination period 5 to 10 days.

**Cultural Note:** Stock seedlings should be transplanted early; plants must not suffer a check at any time as permanent stunting may result. Soil should be deep and rich, but well-drained, and never over-watered.

**DWARF TEN-WEEK** (15 inches), best summer flowering type, and only strain recommended for outdoor growth in East and Middle West.

**Lavender.**

**Flesh Pink.**

**Crimson.**

**White.**

**Rose Pink**, a true rich pink.

**All Colors Mixed.** 1/16-oz., 35c; Pkts., 15c.

**GIANT IMPERIAL**,  
or Bismarck (2½  
feet):

**Antique Copper**,  
bronzy-red.

**Buttercup**, deep  
cream.

**Carmine Rose**, rosy-  
red.

**Chamois Rose**,  
creamy rose.

**Cream Pink**, ivory  
tinted pink.

**Dark Blue**, purple.

**Elks' Pride**, royal  
purple.

**Fiery Blood Red**, rich  
crimson.

**Flesh Pink.**

**Golden Ball**, golden  
yellow.

\***Golden Gate**, large  
deep cream.

**Golden Rose**, yellow-  
centered.

**Lilac**, deep lavender.

**Old Rose.**

\***Santa Maria**, giant  
white.

\***Tahoe**, large clear  
lavender.

\***Yosemite**, large rose-  
pink.

\***Red Woods**, blood  
red.

**All Colors Mixed.**  
1/16-oz., 45c; Pkt.,  
15c. Separate colors,  
Pkt., 20c; 6 for \$1.00.

\*These varieties are  
in the California  
Giants group, an Im-  
proved Giant Impe-  
rial strain.

**MAMMOTH BEAU-  
TY OF NICE** (2  
feet):

**Aurora**, cream-tinted  
pink.

**Beauty of Nice**,  
flesh-pink.

**Belle of Naples**, old  
rose.

**Many Shades Mixed.**  
Pkt., 15c.

**PERPETUAL BRANCHING** or Perfection (2 feet):

**Empress Augusta Victory**, silvery-lilac.

**Heatham Beauty**, golden rose.

**Queen of the Belgians**, pale violet.

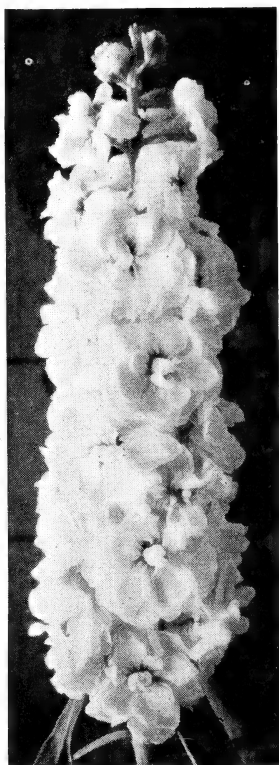
**Snowdrift**, pure white.

**All Colors Mixed.** 1/16-oz., 45c; Pkts., 15c.

**BROMPTON** (Emperor or Winter; 1½ feet; flower  
March to May):

**Celestine**, light lavender.

**Egyptian**, large rose-pink (grows to 2½ feet).



**Giant Imperial Stock,**  
**for Beds and Cutting**  
... Mixed Pkt., 15c

**Empress Elizabeth**, bright deep pink.

**Red Lady**, bright red.

**Violetta**, deep violet-purple.

**White Lady**, pure white. Pkts., 25c; 5 for \$1.00.

**COLONIAL** (naturally base-branching; 2½ feet):

**Priscilla**, silvery lavender.

**Mayflower**, rose-red.

**Puritan**, pure white.

**Rose Standish**, New in '41, bright rose. Pkt., 20c.

**Mixed**. Pkts., 15c.

**STOKESIA cyanea (Cornflower Aster). Per. stohks'-i-a.**

Rich lavender-blue, large, cornflower-like aster flowers, on stiff stems, for border and bouquets; 1 foot; sow December to April. Germination period 4 weeks. 1/16-oz., 45c; Pkt., 15c.

**STREPTOCARPUS. Per. strep-toh-karp'-us.**

Shades of blue, lavender, rose, and white trumpet-shaped flowers on handsome pot plants in seven months from seed; sow November to March. Allied to Gloxinia, which see for culture.

**Large-flowered Hybrids Mixed**. Pkt., 35c.

**SUNFLOWER. (See Helianthus.)**

**SWEET PEAS (Lathyrus odoratus).**

**Early Flowering Spencer** is the best strain for California and the south, or for greenhouse use anywhere, blooming from December to June if planted in August or September; flowers are very large, wavy, 3 to 4 on long stems; sow August to March. Germination period 10 days. Ask for special Sweet Pea Circular, printed each July, listing new varieties and giving cultural suggestions.

**Outstanding New Varieties**. Pkts., 25c:

**Clipper**, large purest white Duplex.

**Mariner**, clear marine blue.

**Fortyniner**, glowing orange, frilled.

**Tops**, bright rose-pink, yielding 5 and 6 giant flowers per stem.

**Leading Popular Varieties**. Oz., 50c; ½-oz., 30c; ¼-oz., 20c; Pkts., 10c.

**Bacchus**, Red-Purple.

**Bridesmaid**, Silver Pink.

**Blue Danube**, Clear Blue.

**Boon**, Coral or Flame-Pink.

**Cavalcade**, rich Coral Pink.

**Chime**, soft Salmon Pink.

**Cinderella**, Light Blue.

**Daphne**, Salmon-and-Cream.

**Gardenia**, Fragrant White.

**Mars**, Rich Blood-Red.

**Memory**, Orchid-Lavender.

**Oriental**, deepest Cream.

**Othello**, Deepest Maroon.

**Shirley Temple**, Rose-Pink.

**Star**, Rosy-Salmon.

**Tahoe**, Clear Mid-Blue.

**Top Hat**, Blue-Purple.

**Triumph**, Deep Lilac.

**Vulcan**, Vivid Scarlet.

**Campbell's Special Mixture** of Named Early Spencers contains all the above varieties. Oz., 45c; ½-oz., 25c; ¼-oz., 15c.

**Spring-Flowering Spencers** (new group, commencing to flower about April 1 and continuing into summer from late fall sowings. Have greater vigor and resistance to drought than any other Sweet Peas. An excellent strain for a second or follow-up crop to the winter-and-spring-flowering Early Spencers):

**Mid-Blue; Lavender; Mauve-Lilac; Rose-Pink; Salmon-Rose; and White**. Pkts., 15c; 5 for 60c.

**Late Spencer Mixed** (bloom by May). Oz., 35c; ½-oz., 20c; Pkt., 15c.

**Dwarf Spencer**, for bedding (bushy plants; 1 foot):

**Bo-Peep**, new early salmon pink. Pkt., 15c.

**SWEET WILLIAM (Dianthus barbatus). Per.**

Pink, red, and white flowers, like small pinks, in large clusters for beds and bouquets; 1½ to 2 feet; sow October to May. Germ. period 7 days.

**Newport Pink** (Pink Beauty), salmon rose.

**Scarlet Beauty**, bright red.



**Plenty of "Fours"  
with Campbell's  
Sweet Peas**

**Giant White**, new, very large flowers in immense trusses like *Per. Phlox*.

**Single Mixed**, all colors.  $\frac{1}{4}$ -oz., 40c; Pkts., 10c.

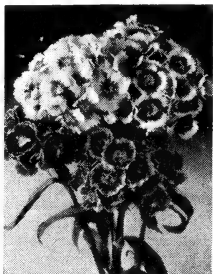
**Double Mixed**, all colors.  $\frac{1}{4}$ -oz., 50c; Pkt., 15c.

**Annual Sweet William**. Use Sweet Wivelsfield.

**SWEET SULTAN.** (See *Centaurea imperialis*.)

**SWEET WIVELSFIELD (*Dianthus barbaratus* x *Chinensis*).**

A cross between Sweet William and the annual Chinese Pinks; beautifully-marked flowers in clusters; very early and free-flowering; 1 foot; sow anytime. Germination period 1 week.  $\frac{1}{4}$ -oz., 45c; Pkt., 10c.



**Sweet Wivelsfield**

**TAHOKA DAISY**

Large lavender, yellow-eyed daisies on long stems for cutting and show; feathery foliage;  $1\frac{1}{2}$  feet; sow February to May. Pkt., 15c.

**TEXAS BLUE BONNET.** (See *Lupinus texensis*.)

**THALICTRUM dipterocarpum (Meadow Rue). Per. tha-lick'-trum.**

Rosy-purple, yellow-anthered flowers in plumes, with maiden-hair-fern foliage, in August and September; 4 feet; sow October to May. Germination period 30 days.  $\frac{1}{16}$ -oz., 40c; Pkt., 15c.

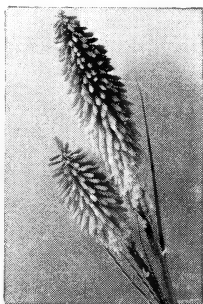
**THUNBERGIA alata (Black-eyed Susan).**

Orange, yellow, white, large flowers with black centers on vigorous trailer; sow February to June. Germination period 2 weeks. **Mixed.**  $\frac{1}{8}$ -oz., 30c; Pkt., 10c.

**THUNBERGIA Gibsoni. Per. Vine. thun-ber'-ji-a.**

Rich orange, large and showy flowers on tender climber or trailer, for greenhouse or sheltered position outdoors; sow, inside, anytime; outside, April to July. Germ. period 2 weeks. Pkt., 25c.

**TIDY TIPS.** (See *Layia elegans*.)



**Tritoma, Red Hot Poker**



**"Black-Eyed Susan" (*Thunbergia alata*) is an Ideal Trailer**

**TIGRIDIA hybrida (Mexican Flame Flower). Per.**

Red, yellow, orange, and rose-pink flowers resembling open tulips, extremely large and showy for the garden (flowers last but a day, but are produced freely for many weeks); pleated grass-like foliage; form bulbs; 15 inches; sow March to June for bloom second summer. **Hybrids Mixed.** Pkt., 25c.

**TITHONIA speciosa (Mexican Sunflower). ty-thoh'-ni-a.**

Orange-scarlet, glistening flowers, like large single Dahlias, on rapid-growing, shrub-like annual for backgrounds and cutting; 6 to 9 feet; sow March to June. Germ. period 25 days. Bloom Oct.-Nov.

**Bright Orange.**

**Fireball**, new vivid orange-scarlet.  $\frac{1}{8}$ -oz., 60c; Pkts., 15c.

**TORENIA Fournieri.**

Rich blue flowers with golden centers, in profusion, for pots or beds; 9 inches; sow February to June. Germination period 2 weeks. Pkt., 15c.



**TRACHELIUM coeruleum. Per.** tra-kee'-li'um.

Tiny flowers in large, feathery heads, long-stemmed and excellent for cutting as well as garden-show; 1½ feet; sow February to May. Pkt., 15c.

**TRITOMA (Red Hot Poker; Kniphofia). Per.**

try-toh'-ma.

Red, orange and yellow flowers, in large spear-shaped heads; foliage grass-like; 3 feet; sow March to June; early sowings often bloom first season. Germination period 3 weeks.

**Pfitzer's Hybrid Red**, large and brilliant. (See illustration, page 67.)

**Hybrids Mixed**, all shades. Pkts., 15c.

**URSINIA pulchra. (African Daisy). ur-sin'-i-a.**

Vivid orange daisies, feathery foliage; a gem for low beds and edging; 6 inches; sow October to May. Large Pkt., 35c; Small, 15c.

**VALERIANA (Garden Heliotrope). va-leer-i-ain'-a.**

Rose, red, white, fragrant small flowers in heads, very freely produced; 2½ feet; sow December to April.

**Rose-red, White, Mixed.** ⅛-oz., 25c; Pkts., 10c.

**VENIDIUM fastuosum.**

ve-nid'-i-um.

Glossy orange daisies with purple-black zone, 4 to 5 inches across, striking in the garden or cut; 2 to 3 feet; sow January to May. Germination period 12 to 25 days. Avoid over-watering.

**Vivid Orange; New Hybrids**, in a mixture of shades from orange through yellows to cream and white. Pkts., 15c.

**Venidium.** Pkt., 15c. →

**VERBENA hybrida. Per.** ver-bee'-na.

Pink, rose, red, lavender, blue, purple, white flowers in clusters, brilliant for bedding, and trailing ground-cover; 1 foot; sow December to August. Germination period 10 to 15 days.

**GIGANTEA** (each floret in cluster usually as large as a quarter):

**Blue**, deep blue, white eye.

**Floradale Beauty**, new, salmon-rose shades.

**Lavender Glory**, large, best lavender.

**Spectrum Red**, new, intense red.

**White**, pure white.

**Mixed**, including other shades. ⅛-oz., 45c; Pkts., 15c.

**ERECT, CUTTING VARIETIES:**

**Blue Sentinel**, new velvety blue-violet.

**Royal Bouquet Mixed.** Pkts., 15c.

**TRAILING VARIETIES:**

**Erinoides**, small heads, fern-like foliage.

**Purple; White.** ⅛-oz., 50c; Pkts., 10c.

**Venosa**, thrifty grower, purple head. **Lilacina**, lavender-blue. ⅛-oz., 40c; Pkts., 10c.

**Bonariensis** (New), tall perennial to 5 feet, with rosy-purple flowers. Pkt., 15c.

**VERBENA hybrida. An.**

**Golden Queen**, good yellow, 1 foot; sow November to May. Pkt., 15c.

**VERONICA spicata. Per.**

Rich deep blue, tiny tubular flowers in long, pointed spikes for borders; 1½ feet; sow March to August. Pkt., 15c.

**VINCA rosea (Periwinkle). Per.**

Pink and white, phlox-like, large flowers in sun or semi-shade; foliage dark, glossy green; 1 foot; sown February to April, will bloom same year. Germination period 2 weeks.

**Rose; White; Mixed.** ⅛-oz., 40c; Pkts., 10c.



"Periwinkle," or  
**Vinca Rosea**

**VERBASCUM (Mullein), Per. ver-bask'-um.**

White flowers in erect spikes in summer; 2 feet; sow January to May.

**Miss Willmott**, large pure white. Pkt., 15c.

**VIOLET (Viola adorata). Per.**

Deep blue, fragrant flowers on long stems by the second year; 6 inches; sow September to May.

**The Czar**, large dark blue. Pkt., 15c.

**VIOLA cornuta (Tufted Pansy).**

Flowers, although smaller than pansies, are produced even more freely, and make Violas ideal bedding and border plants for winter and spring; 6 inches; sow July to March. Germination period 10 to 14 days.

**Arkwright Ruby**, new rich red. Pkt., 25c.

**Bizarre**, upper half purple, lower apricot. 25c.

**Blue Perfection**, large clear blue.

**Blue Butterfly**, new, dark blue, upper petals pale blue.

**Chantreyland**, improved Apricot.

**Jersey Gem**, rich deep blue. Pkt., 25c.

**Lutea Splendens**, bright yellow.

**Papilio**, blue, upper petals white.

**Primrose Dame**, soft light yellow.

**Spring Messenger**, purple.

**Violet Papilio**, violet-blue.

**White Perfection**.

**Bright Mixed**, all colors.  $\frac{1}{8}$ -oz., 75c; Pkts., 15c.

**Johnny-Jump-Up**, little purple-and-gold pansy-faces, for rockeries and edgings. Pkt., 15c.



**Virginian Stocks, One of the Most Useful of All Flowers**

**VIRGINIAN STOCK (Malcolmia).**

Rose, red, yellow, white, small single flowers cover these low, splendid winter and spring edging, bulb-bed, and ground-cover plants; 6 inches; sow October to May. Germination period 12 days. **Rose** (turns lavender); **Crimson Gem**; **Yellow**; **White**; **Mixed**. Oz., 40c;  $\frac{1}{2}$ -oz., 25c; Pkt., 10c.

**VISCARIA oculata. vis-kair'-i-a.**

Blue, pink, and white, large flax-like flowers, very effective in beds and bouquets; 1 foot; sow October to April; **Delphinium Blue**; **Rose-Pink**; **Mixed**.  $\frac{1}{8}$ -oz., 35c; Pkts., 10c.

**WALLFLOWER**

Rich reds, browns, yellows; fragrant, stock-like flowers, for bedding and cutting; 1 to 2 feet; sow September to March. Germination period 10 to 14 days.

**Single Annual: Blood Red, Paris Brown, Yellow, Mixed**.  $\frac{1}{2}$ -oz., 30c; Pkts., 10c.

**Double Mixed**. (Early Wonder).  $\frac{1}{16}$ -oz., 30c; Pkt., 15c.

**Single Perennial Mixed**. Pkt., 15c.

**WILD CUCUMBER (*Echinocystis lobata*). Vine.**

Quick shade vine or ground-cover trailer, with attractive, light green foliage, and curious prickly fruits (a hardy native gourd); sow March to June. Germination period 10 to 20 days. ½-oz., 30c; Pkt., 10c.

**WILD FLOWER MIXTURES, CALIFORNIA.**

Will grow almost anywhere, cover vacant lots and bare corners, and furnish cut-flowers. An ideal souvenir!

**Cultural Note:** Best sown in late fall in all climates, since they will bloom in late winter and spring in a mild region, yet lie dormant and sprout and bloom in early spring in the cold sections of the U. S. They may still be sown, with sure results, as late as April in Southern Calif., and June in the cooler sections. Broadcasting the seed, mixed with sand, over finely-pulverized soil in the open is the best plan. Rake-in very lightly, or merely cover with scattered soil or peat. If in the fall, do not water; if in the spring when natural rainfall cannot be depended upon, keep moist until sprouted, and irrigate thereafter.

**Campbell's Special Mixtures**, in contrast to many cheap mixtures, contain only California natives. The two mixtures are alike (with more than 20 species represented, to give a long and interesting season of bloom), with this exception: There is no California Poppy in mixture No. 2, for those who may have these bright flowers already established.

**Mixture No. 1**, including California Poppies. Lb., \$5.00; ¼-lb., \$1.50; oz., 50c; ½-oz., 30c; Pkt., 10c.

**Mixture No. 2**, all varieties except California Poppy. Lb., \$6.00; ¼-lb., \$1.75; oz., 60c; ½-oz., 40c; Pkt., 10c.

**Separate Wild Flower Varieties.** Many of these are offered and described under their respective variety-names in this catalog; *Abronia* (Sand Verbena); *Argemone* (Prickly Poppy); *Bartonia* (Blazing Star); *Clarkia*; *Collinsia* (Innocence, or Chinese Houses); *Eichscholtzia* (Calif. Poppy); *Gilia* (Thimble Flower); *Bird's Eyes*, and *Fairy Stars*; *Godetia* (Farewell-to-Spring); *Layia* (Tidy Tips); *Leptosyne* (Sea Dahlia, and Wild Coreopsis); *Limnanthes* (Meadow Foam); *Lupinus nanus* (Dwarf Blue Lupin); *Nemophila* (Baby Blue Eyes); *Phacelia* (Calif. Blue Bell, Wild Canterbury Bell, Wild Heliotrope, etc.); *Platystemon* (Cream Cups); *Viola pedunculata* (Wild Yellow Violet).

**Souvenir Collection** of 10 Dependable California Wild Flowers, in separate 10c packets, our selection, **Special for 60c.**



**New Giant Primula**  
**Malacoides...** See page 51



**A Favorite in Campbell's**  
**Wild Flower Mixtures, Pha-**  
**celia Whitlavia, the Wild**  
**Canterbury Bell**

**XANTHISMA texanum (Star of Texas). zan-this'-ma.**

Large soft yellow daisies with long, pointed petals; plants form erect bushes, 1½ feet tall; drought-resistant; sow March to June. Pkt., 15c.

**XERANTHEMUM. zer-an'-the-mum.**

Pink, lilac, white, silky everlasting flowers, stiff-stemmed; 2 feet; sow February to May. Germination period 10 to 14 days. **Double Mixed.** Pkt., 10c.

**ZINNIA.**

zin'-ni-a.

Our summer specialty. Pinks, reds, yellows, and purples, in vivid shades, unexcelled for summer bedding and cut-flowers. Sow February to July. Germination period 5 to 10 days.

**Cultural Note:** Sow Zinnia seed where the plants are to bloom if this is at all possible; otherwise transplant when the seedlings are small. When watering, rather than use the sprinkler, irrigate by the trench method and let the water run slowly for several hours until it has soaked down thoroughly into the ground through and beyond the roots. You will then have maximum results, yet need to water the plants only once every two weeks if the top soil is properly cultivated a day or so after each irrigation.

**Harmony-type Zinnias****Campbell's True Dahlia**  
—Flowered Zinnia.

**DAHLIA-FLOWERED** (huge, loose-petalled, cup-centered flowers; 2½ to 3 feet):

**Canary Bird**, bright yellow.

**Crimson Monarch**, huge rich red.

**Dream**, deep rosy lavender.

**Eldorado**, salmon-apricot shades.

**Exquisite**, light rose with deeper center.

**Illumination**, deep rose.

**Golden State**, orange-yellow.

**Luminosa**, vivid deep pink.

**Meteor**, the deepest red.

**Oriole**, orange and gold bicolor.

**Polar Bear**, large white.

**Purple Prince**, deep purple.

**Will Rogers**, improved new scarlet.

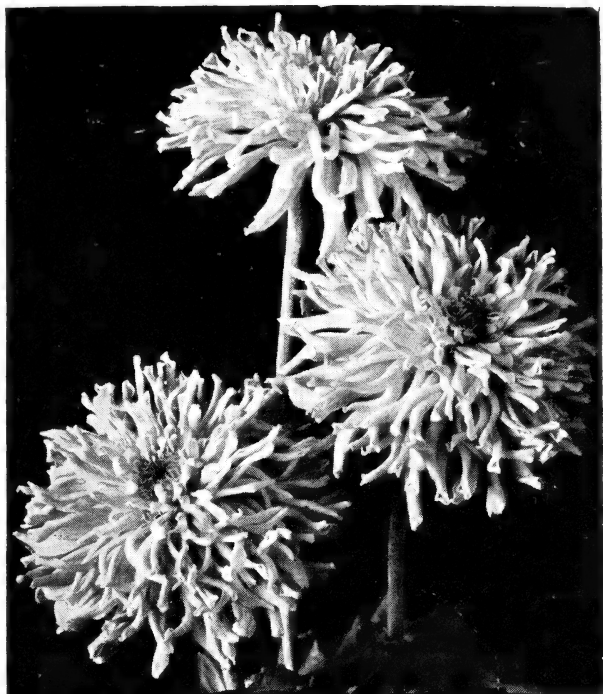
**Gold Medal Mixed** (blended from named varieties).

Oz., \$1.25; ¼-oz., 35c; Pkts., 15c, 7 for 85c.

**Pastel Shades Mixed.** Prices same as Gold Medal Mixed.

**The Mexican Zinnia, Haageana . . . Pkt., 10c**  
. . . See page 64





**You'll Like Fantasy Zinnias for that Vase Next Summer**  
... Pkt., 10c

**ZINNIA, continued**

**CALIFORNIA GIANTS** (Giant Mammoth; huge, close-petalled, flat-topped blooms; longer-stemmed than the Dahlia-flowered type; 3 to 3½ feet):

**Apricot Queen**, beautiful salmon-orange.

**Daffodil Improved**, canary yellow.

**Enchantress**, light rose with deeper center.

**Golden Queen**, deep yellow.

**Grenadier**, deep rosy-red.

**Lavender Queen**, rosy lavender.

**Miss Willmott**, soft pink.

**Orange King**, rich deep orange.

**Furty**, pure white.

**Rose Queen**, deep rose.

**Named Varieties Mixed**, all colors. Oz., \$1.25; ¼-oz., 35c; Pkts., 15c, 7 for 85c.

**Crown o' Gold**, a new and pleasing Giant Dahlia-flowered Zinnia, with golden yellow overlaid on the base of the petals.

**Super Crown o' Gold Pastel Mixture**; the aristocrat of Zinnias. ¼-oz., 60c; Pkt., 15c.

**Cut and Come Again** (Medium sized flowers with the truest Zinnia colors; 2 feet):

**Canary Yellow; Crimson; Golden Orange; Salmon Rose; Scarlet; Spun Gold**, new cream-yellow: **All Colors Mixed**. Oz., \$1.00; ¼-oz., 30c; Pkts., 10c.

**FANTASY** (new, informal Chrysanthemum-flowered type with slender, daintily-twisted petals):

**Orange Lady**, orange.

**Rosalie**, old rose.

**White Light**, pure white.

**Wildfire**, new bright scarlet. Pkt., 15c.

**Mixed** (all Zinnia colors). ¼-oz., 45c; Pkts., 10c.

**HARMONY TYPE** (formerly called Scabious-flwd.; crested or mounded center of small petals, surrounded by a row of broad petals):

**Campfire**, vivid scarlet.

**Sunburst**, bright yellow.

**Mixed** (all Zinnia colors). ⅛-oz., 35c.; Pkts., 15c.

**HOWARD'S GIANT CRESTED.**

**NAVAJO** (Gaillardia-flowered), new, two-toned, medium-sized flowers. **Mixed**. Pkt., 15c.

**PUMILA PICOTEE DELIGHT**, salmon-pink, quilled petals, tipped red-brown. Lovely. Pkt., 15c.

**ZINNIA, continued on next page.**

**ZINNIA, Continued.**

**POMPON (LILLIPUT;** small, very double flowers, fine for edgings and bouquets; 1 to 1½ feet):

**Canary Yellow; Crimson Gem; Golden Gem; Lavender Gem; Salmon Rose; Red Riding Hood**, scarlet; **Valencia**, burnt orange; **White**.

**PASTEL SHADES MIXED** (new, soft colors found in no other Zinnias. See illus. page 71).

**All Colors Mixed.** Oz., \$1.25; ¼-oz., 35c; Pkts., 10c.

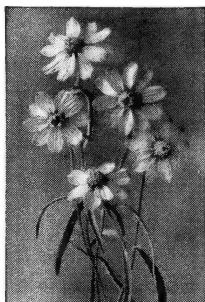
**Black Ruby**, new. See Novelties, page 8.

**CUPID**, new, with small, button-like flowers useful for cutting, on 1-foot plants. **Mixed.** ⅛-oz., 35c; Pkt.,

**TOM THUMB LILLIPUT** (extra dwarf; 5 inches; very compact, for edgings and pots). **All Colors Mixed.**



**New Zinnia Navajo**



**Zinnia Linearis**

**ZINNIA haagiana (Mexican Zinnia).**

Many unusual and attractive combinations of red, bronze, and orange, with yellow, cream, and white, as well as plain colors, make this dwarf Zinnia beautiful for beds; the stems are long enough for cutting; 1 to 2 feet; sow March to July. Germination period 5 to 10 days.

**Hybrid Mixed.** ⅛-oz., 35c; Pkt., 10c.

**ZINNIA linearis.**

New species with single, glistening orange-and-gold flowers on slender stems all summer and fall on compact 8-inch plants, ideal for showy summer bedding. Sow March to July. 1/16-oz., 30c; Pkt., 10c.

**ZINNIA, Trailing.**

(See Sanvitalia.)

**PERFECT PERMANENT LABELS**

Perfect Garden Labels are made of heavy green celluloid composition—lead pencil marks are permanent and weatherproof in all soils and seasons.

**Tie-on Label**

(Length 3½"; Width ¾");  
12 for 40c; 100 for \$3.00.

**Pot Label**

(Length 4"; width to ¾");  
12 for 35c; 100 for \$2.50.

**Border Label**

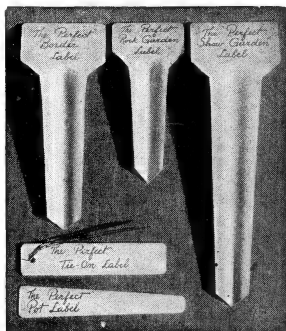
(Length 5"; width 2");  
12 for \$1.00; 25 for \$2.00.

**Rock Garden Label**

(Length 4"x1¾");  
12 for 90c; 25 for \$1.75.

**Show Garden Label**

(Length 7"x2½");  
12 for \$1.25; 25 for \$2.50.



## VEGETABLES

In this year of Conservation for Defense and National Good Health, it is the smart thing; in both senses of the word, to include vegetables in your Garden Plan. The book "Gardens for Defense" by Jean-Marie Putnum and Lloyd Cosper, new this Winter, gives fascinating, but practical ideas for adding to the beauty of your by specialist growers who are constantly bettering their at the same time.

Campbell's Vegetable Seeds are the best varieties for home-gardens. They are grown from pure-bred stocks by specialist growers who are constantly bettering their strains through selection.

As with flower seeds, we carry all vegetables in bulk and put up our own packets.

**ARTICHOKES, Green Globe**—Sow September to April, 1 inch deep; save seedlings with least spiny leaves; set 4 feet apart; bear in 2 or 3 years. Pkt., 10c. **Plants:** December to March, 25c each.

**ASPARAGUS, Mary Washington**—Sow March to May, transplant following February, use second year. Oz., 25c; Pkt., 10c. **Roots:** January to April, 35c dozen.

**BEANS**—Sow April to July.

**Bush:** Golden Wax, vigorous stringless, fine.

Stringless Green Pod, early productive.

**Pole:** Rust-Resistant Kentucky Wonder.

Broad Windsor (Horse), very hardy.

K. W., White-seeded, 10 days earlier.

K. W., Wax, extremely prolific, fine.

Yard-Long Bean, curious, rust-proof, and tasty.

Lb., 50c; Pkt., 10c.

**BEANS, Lima—Bush:** Fordhook, highest quality; large, plump.

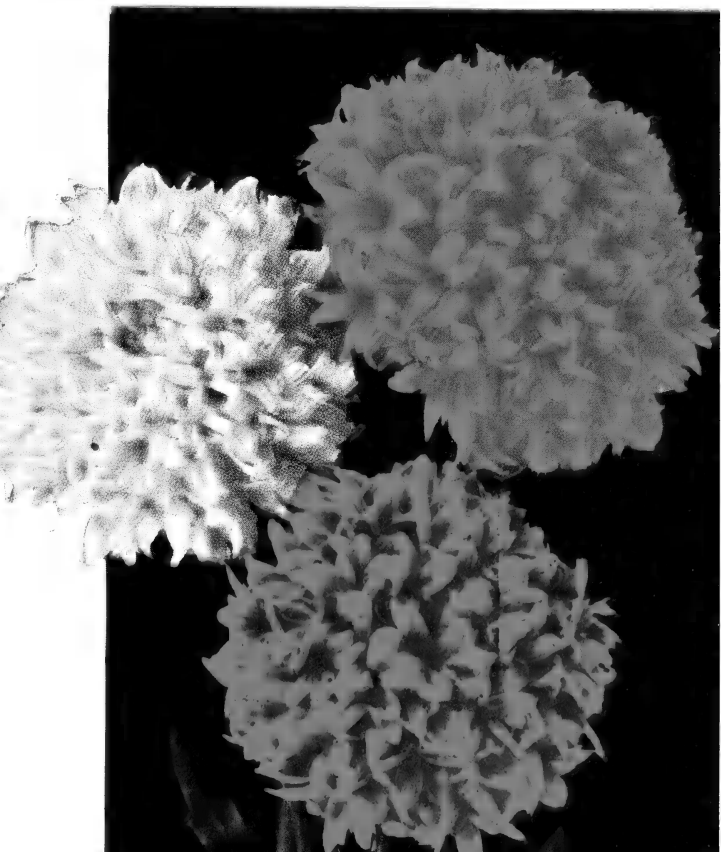
Baby Potato, AAS winner, an improved Baby Lima.

Henderson's Bush (Baby Lima).

**Pole:** Fordhook Pole, high quality and prolific.

Lb., 60c; Pkt., 15c.

**Double Gaillardia Lorenziana.** Pkt. 10c. (See page 29.)



- BEETS, Table**—Sow January to September.  
 Detroit Dark Red, fine quality home beet.  
 Early Blood, good early. Oz., 20c; Pkts., 10c.  
**Stock:** Sow January to May; Sugar Beet (Klein Wanzleben), sweetest  
 Mammoth Long Red Mangel, largest. Lb., 80c.
- BRUSSELS SPROUTS**—Sow August to February; cook like asparagus, before buds open. Pkt., 10c.
- BROCCOLI, Italian Green Sprouting**—Sow August to January. Oz., 50c; Pkt., 10c.
- CABBAGE**—Sow July to March; Copenhagen Market (Cannonball), very early, round, solid, sweet.  
 Glory of Enkhuizen, second early.  
 Danish Ball Head, best late.  
 Round Red Dutch. Pkts., 10c.
- CARROT**—Sow January to October.  
 Danver's Half-long, good flavor, productive.  
 French Forcing, small, early.  
 Nantes, Cylindrical, "stump-rooted." Oz., 35c; Pkts., 10c.
- CAULIFLOWER**—Sow August to December; give plenty of water, and tie up leaves loosely to keep head white; Early Snowball, extra early. Pkt., 10c.
- CELERY**—Sow February to July; easily grown in moist, rich soil.  
 Utah, early green-type, rich and nut-flavored.  
 Golden Detroit, self-blanching. Pkts., 10c.
- CHICORY, Witloof (French Endive)**—Sow Oct. to May; popular for winter salads. Pkt., 10c.
- CHIVES (Grass-Onion)**—Sow August to April; leaves for salads, milder than onion. Oz., \$2.00; Pkt., 10c.
- COLLARDS; Georgia**—Sow August to March; very hardy, kale-like "greens" plants. Pkt., 10c.
- CRESS Curled (Pepper Grass)**—Sow any time; frilled, pungent leaves for salads. Oz., 20c; Pkt., 10c.
- CORN**—Sow March to August; best planted in several rows, for pollenization.  
 Black Mexican, rich, sweet, white when eaten.  
 Gold Cross Bantam, (best hybrid).  
 Golden Bantam Improved, large ears.  
 Country Gentleman, long, narrow cob.  
 Oregon Evergreen, fine sweet market sort.  
 Field Corns: Golden Dent, and Hickory King.  
 Pop Corn: Golden Hulless. Pkts., 15c.
- CUCUMBER**—Sow March to July; ready in 12 weeks;  
 Chicago Pickling, fine.  
 Japanese Climbing, fine quality, space saver.  
 Lemon, very good.  
 Stays-Green (Black Diamond or Long Green Improved).  
 Small Gherkin, for pickling. Oz., 25c; Pkts., 10c.  
 Rollinson's Telegraph, for greenhouse forcing. Pkt., 25c.



Pastel-tinted Iceland Poppy. Pkt., 15c. (See page 51.)

- DANDELION, Improved Thick-Leaved**—Sow January to April; cabbaging sort, much superior to uncultivated. Oz., 75c; Pkt., 10c.



**EGGPLANT, Black Beauty**—Sow in hotbed January to April.

**ENDIVE** (See also Chicory)—Sow August to March; treat, and use, like lettuce.  
Broadleaved Batavian Escarolle.  
Green Curled. Oz., 20c; Pkts., 10c.

**FENNEL, Sweet Florence**—Sow August to February; treat like celery; root, stalks, and leaves are edible; seeds for flavoring. Oz., 25c; Pkt., 10c.

**Gleaming Helianthus Sun Gold**. Pkt., 10c. (See page .)



**Sun Gold Helianthus Double Sunflower**

**HERBS**—For flavor, fragrance, and garden-ornament; sow February to July.

Anise; with fragrant, tasty seeds.  
Basil; for flavoring from seeds and leaves.  
Borage; for leaves in drinks and salads.  
Burnet; leaves cucumber-flavored, for salads.  
Caraway; for seeds on cakes and candies.  
Catnip; or Catmint; leaves for seasoning.  
Chamomile; dried flowers used medicinally.  
Chervil; for flavoring soups, etc.  
Chives; listed elsewhere.  
Coriander; seeds used for flavoring.  
Dill; seed used as condiment and in pickles.  
Fennel, listed elsewhere.  
Lavender; flowers fragrant, fresh or dried.  
Marjoram; leaves and shoots for flavoring.  
Pennyroyal; leaves season puddings, etc.  
Peppermint; leaves and stems for flavoring.  
Rosemary; leaves used for seasoning.  
Rue; leaves for medicine (good for fowls).  
Saffron; used for coloring and flavoring.  
Sage; leaves for seasoning and stuffing.  
Summer Savory; for seasoning and flavoring.  
Thyme; for seasoning, and medicinal use.  
Wormwood; beneficial for poultry. All Pkts., 10c.

**KALE (Borecole)**—Sow August to April; Dwarf Green Curled for greens and garnishing.

Jersey (Thousand-headed), smooth leaves, prolific, for poultry.

Tall Scotch Curled, for greens. Oz., 25c; Pkts., 10c.

**KOHL RABI, Early Purple Vienna**—Sow August to February; cabbage-flavored but used like turnip. Oz., 35c; Pkts., 10c.

**LEEK, American Flag**—Sow August to December; used like green onions, but far larger and milder. Oz., 60c; Pkt., 10c.

**LETTUCE—Heading Varieties:** Early White Cos (Romaine; Celery Lettuce).

Los Angeles Market (New York), good header and shipper.

Imperial F, special strain resistant to blight.

**Leaf varieties:** Early Curled Simpson, best left unthinned in row.

Prizehead, very sweet, early, leaves red-edged. Oz., 20c; Pkts., 10c.

**MELONS**—Muskmelons: Hale's Best, round, orange flesh, fine flavor.

Honey Dew, very sweet, green flesh.

Persian, fine if thoroughly ripened on vines.

Tip Top, ribbed, thick, sweet yellow flesh.

Golden Hybrid Casaba. Pkt., 10c.

**Watermelons:** Klondike, oblong, dark green, very sweet.

Striped Klondike (Improved Rattlesnake). Pkts., 10c.

**MUSTARD**—Sow any time; turnip-like leaves for greens; Chinese, Brussels-Sprouts flavor.  
Giant Southern Curled. Oz., 25c; Pkts., 10c.

**OKRA (Gumbo)**—Sow April to July; pods used in soups, stews, and relishes; Dwarf Long Green Pod.  
Perkin's Mammoth Pod.  
White Velvet. Oz. 20c; Pkt., 10c.

**ONION**—Sow August to April; Bunching (Southport White Globe).  
Silverskin (White Portugal), for green onions, and best flat white cooking onion.  
Riverside Sweet Spanish, very large, yellowish, mild, delicious.  
White Bermuda (Crystal White), round, mild and sweet. Pkt., 15c.



**Sweet William**

**PARSLEY**—Sow any time.

Paramount, extra-curly strain, for garnishing.  
Hamburg, thick parsnip-like roots for flavoring.  
Plain, leaves for flavoring. Oz., 20c; Pkts., 10c.

**PARSNIP, Hollow Crown**—Sow August to March; best given rich soil and plenty of water; improved by freezing in ground. Oz., 20c; Pkt., 10c.

**PEAS**—Sow September to February.

**Dwarf:** Laxton's Progress (Improved Laxtonian), early.

Giant Stride (Dwarf Telephone); mid-season.

**Tall:** Alderman (Improved Telephone), medium early.  
Melting Sugar, Edible Pod), cook whole pods when peas half-developed. Lb., 40c; Pkts., 10c.

**PEPPER**—Sow in hot-bed January to April, outdoors May to June.

**Sweet:** California Wonder Bell, thick flesh, green when young, turning bright red.

**Pimiento**, cone-shaped, green, turning ruby.

**Hot:** Anaheim Chili, pleasing pungency.

Floral Gem, small, for sauces and pickling; green, white, and red; often grown for pots. Pkts., 10c.

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**SALSIFY (Vegetable Oyster)**—Sow in spring and dig in fall and winter; Mammoth Sandwich Island, best. Oz., 25c; Pkt., 10c.

**SPINACH**—Sow October to March; Giant Thick Leaved, large, tender, best warm-weather sort.

Prickly-seeded Dark Green, best winter.

New Zealand, spreading vine, with tips used like spinach for green. Pkts., 10c.

**SQUASH—Summer:** Early Bush Scallop (Patty Pan), Green-Type.  
 English Vegetable Marrow.  
 Italian Marrow (Zucchini).  
 Yellow Crookneck.  
 Yellow Straightneck.  
**Winter:** Banana.  
 Hubbard.  
 Table Queen (Des Moines or Oregon), small and fine-flavored. Oz., 20c; Pkts., 10c.

**SWISS CHARD—(Spinach Beet)**—Sow January to September; Large Ribbed White, leaves for greens and leafstalks good asparagus substitute.  
 Lucullus, curly leaves, for greens, or chickens. Oz., 20c; Pkts., 10c.

**RHUBARB CHARD**—Looks like Rhubarb, delicious cooked, striking in the garden or flower arrangements. Grows quickly, continues for several months. 50 seeds, 15c.

**TOMATO**—Sow January to March in hot-beds, outside in April; staking is advisable; Earliana, best early.  
 Ponderosa (Beefsteak), best large.  
 Scarlet Dawn, best new Stone-type, wilt-resistant.  
 Stone, excellent solid.  
 Yellow Pear, small, firm, mild.  
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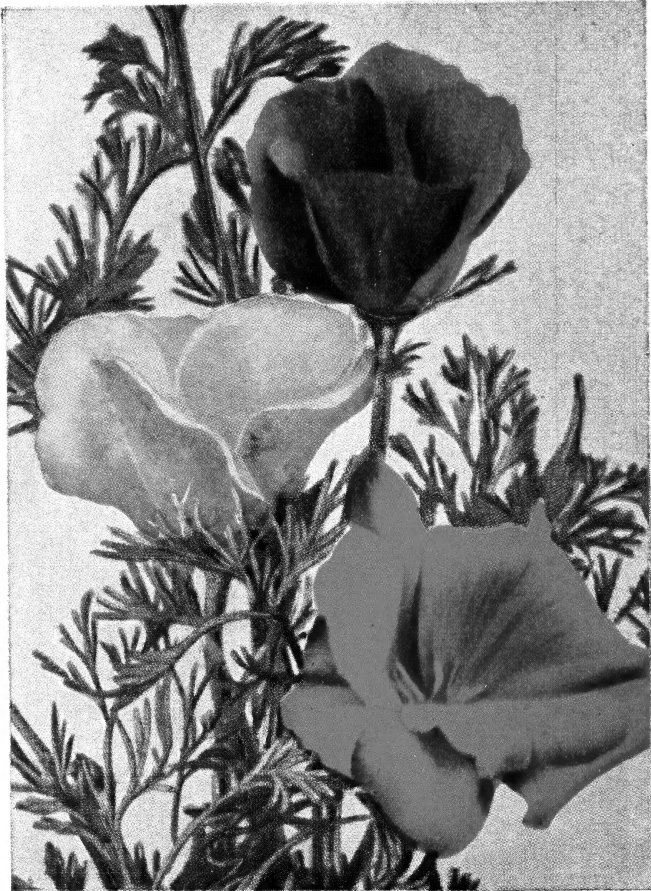


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